

# Recombinant Escherichia coli Oxidoreductase YdhF(ydhF)

Catalog No: #AP70944

Package Size: #AP70944-1 20ug #AP70944-2 100ug #AP70944-3 1mg

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## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Product Name          | Recombinant Escherichia coli Oxidoreductase YdhF(ydhF)                                                                                                                                                                                                                                                                                                                                          |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:1-298aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                              |
| Accession No.         | P76187                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 37.7 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                         |
| Target Sequence       | MVQRITAPQGPEFSRFVMGYWRLMDWNMSARQLVSFIEEHLDLGVTTVDHADIYGGYQCEAAFGEALKLAP<br>HLRERMEIVSKCGIATTAREENVIGHYITDRDHIKSAEQSLINLATDHLDLLLIHRPDPLMDADEVADAFKHLHQ<br>SGKVRHFGVSNFTPAQFALLQSRLPFTLATNQVEISPVHQPLLLDGTLDQLQQLRVRPMAWSCLGGGRFLFND<br>DYFQPLRDELAVVAEELNAGSIEQVVYAWVLRPLPSQPLPIIGSGKIERVRAAVEAETLKMTRQQWFRIRKAALG<br>YDVP                                                                      |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                   |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Background

May function as oxidoreductase.

## References

"Structural genomics of highly conserved microbial genes of unknown function in search of new antibacterial targets."

Abergel C., Coutard B., Byrne D., Chenivresse S., Claude J.-B., Deregnaucourt C., Fricaux T., Ganesini-Boutreux C., Jeudy S., Lebrun R., Maza C., Notredame C., Poirot O., Suhre K., Varagnol M., Claverie J.-M.

J. Struct. Funct. Genomics 4:141-157(2003)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.