

## Recombinant Escherichia coli Thioredoxin-2

Catalog No: #AP72879



Package Size: #AP72879-1 20ug #AP72879-2 100ug #AP72879-3 1mg

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Escherichia coli Thioredoxin-2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-139aaSequence Info:Full Length
Other Names	Protein-disulfide reductase
Accession No.	P0AGG4
Uniprot	P0AGG4
GeneID	947062;
Calculated MW	17.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MNTVCTHCQAINRIPDDRIEDAAKCGRCGHDLFDGEVINATGETLDKLLKDDLPPVIDFWAPWCGPCRNFAPIF EDVAQERSGKVRVFKVNTEAERELSSRFGIRSIPTIMIFKNGQVVDMLNGAVPKAPFDSWLNESL
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.  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

Efficient electron donor for the essential enzyme ribonucleotide reductase. Is also able to reduce the interchain disulfide bridges of insulin.

## References

"Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110."Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T.Mol. Syst. Biol. 2:E1-E5(2006)Research Topic:Others

Note: This product is for in vitro research use only