

Recombinant E.coli Pyruvate dehydrogenase [ubiquinone]

Catalog No: #AP72367

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Package Size: #AP72367-1 20ug #AP72367-2 100ug #AP72367-3 1mg

Description

Product Name	Recombinant E.coli Pyruvate dehydrogenase [ubiquinone]
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-572aaSequence Info:Full Length
Other Names	Pyruvate oxidase ;POX
Accession No.	P07003
Uniprot	P07003
GeneID	946132;
Calculated MW	66 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p>MKQTVAAAYIAKTLESAGVKRIWGVGTGDSLNGLSDSLNRMGITIEWMSTRHEEVAFAAGAEQLSGELAVCAG SCGPGNLHLINGLFDCHRNHVPVLAIAAHIPSSSEIGSGYFQETHPQELFRECSHYGELVSSPEQIPQVLAIAMRK AVLNRGVSVVVLPGDVALKPAPEGATMHWYHAPQPVVTPPEEEELRKLQQLRYSSNIALMCGSGCAGAHKEL VEFAGKIKAPIVHALRGKEHVEYDNPYDVGMTGLIGFSSGFHTMMNADTLVLLGTQFPYRAFYPYTDAKIIQIDIN PASIGAHSKVDMALVGDIKSTLRALLPLVEEKADRKFLDKALEDYRDARKGLDDLAKPSEKAIHPQYLAQQISHF AADD AIFTCDVGTPTVWAARYLKMNGKRRLGSGFNHGS MANAMPQALGAQATEPERQV VAMCGDGGFSML MGDFLSVVQMKLPVKIVVFNNSVLGFVAMEMKAGGYLTDGTELHDTNFARIAEACGITGIRVEKASEVDEALQ RAFSIDGPVLVDVVAKEELAIPPQIKLEQAKGFSLYMLRAISGRGDEVIELAKTNWLR</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>

References

The complete genome sequence of Escherichia coli K-12.Blattner F.R., Plunkett G. III, Bloch C.A., Perna N.T., Burland V., Riley M., Collado-Vides J., Glasner J.D., Rode C.K., Mayhew G.F., Gregor J., Davis N.W., Kirkpatrick H.A., Goeden M.A., Rose D.J., Mau B., Shao Y.Science 277:1453-1462(1997)Research Topic:Others

Note: This product is for in vitro research use only