

Recombinant Pig Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial(ETFDH)

Catalog No: #AP70282

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP70282-1 20ug #AP70282-2 100ug #AP70282-3 1mg

Description

Product Name	Recombinant Pig Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial(ETFDH)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:34-617aaSequence Info:Full Length
Other Names	Electron-transferring-flavoprotein dehydrogenase ;ETF dehydrogenase
Accession No.	P55931
Calculated MW	80.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SSTCKVPRITHTYTIYPRDQDKRWEGVNMERFAEEADVIVGAGPAGLSAATRLKQLAAQHEKDLRVCLVEKA AHIGAHTLSGACLDPRAFEELFPDWKEKGAPLNTPTEDRFILTEKYRIPVPILPGLPMNNHGNYVVRGLHLV SWMGEQAEALGVEVYPGYAAAEILFHEDGSVKGIATNDVGIQKDGAPKTTFERGLELHAKVTIFAEGCHGHLA KQLYKKFDLRANCEPQTYGIGLKEWVIDEKKWKPGRDHTVGWPLDRHTYGGSFYHLNEGEPLLAGFVV GLDYQNPYLSPFREFQRWKHHPHSIKPTLEGGKRIAYGARALNEGGFQSIPKLTFPGGLLIGCSPGFMNVPKIKG THTAMKSGTLAAESIFNQLTSENLSQSKTIGLHVTEYEDNLKNSWWKELYSVRNIRPSCHGILGVYGGMIYTG FYWIFRGMPEWTLKHKGSDSDQLKPAKDCTPIEYKPKDQGQISFDLLSSVALSGTNHEHDQPAHLTLKDDSVPV NRNLSIYDGPEQRFPCPAGVYEFVPLEQGDGFRLLQINAQNCVHCKTCDIKDPSQNINWVPEGGGGPAYNGM
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

Accepts electrons from ETF and reduces ubiquinone.

References

Porcine transcriptome analysis based on 97 non-normalized cDNA libraries and assembly of 1,021,891 expressed sequence tags.Gorodkin J., Cirera S., Hedegaard J., Gilchrist M.J., Panitz F., Jorgensen C.B., Scheibye-Knudsen K., Arvin T., Lumholdt S., Sawera M., Green T., Nielsen B.J., Havgaard J.H., Rosenkilde C., Wang J., Li H., Li R., Liu B. , Hu S., Dong W., Li W., Yu J., Wang J., Staerfeldt H.H., Wernersson R., Madsen L.B., Thomsen B., Hornshoj H., Bujie Z., Wang X., Wang X., Bolund L., Brunak S., Yang H., Bendixen C., Fredholm M.Genome Biol. 8:R45.1-R45.16(2007)Research Topic:Others

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