

Recombinant Human Cytochrome c oxidase subunit 4 isoform 1, mitochondrial(COX4I1)

Catalog No: #AP70183

Package Size: #AP70183-1 20ug #AP70183-2 100ug #AP70183-3 1mg

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

Description

Product Name	Recombinant Human Cytochrome c oxidase subunit 4 isoform 1, mitochondrial(COX4I1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-169aaSequence Info:Full Length
Other Names	Cytochrome c oxidase polypeptide IVCytochrome c oxidase subunit IV isoform 1 ;COX IV-1
Accession No.	P13073
Calculated MW	33.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AHESVVKSEDFSLPAYMDRRDHPLPEVAHVKHLASQKALKEKEKASWSSLSMDEKVELYRIKFKEFAEMN RGSNEWKTVVGGAMFFIGFTALVIMWQKHVYVGPLQSFQKEWVAKQTKRMLDMKVNPIQGLASKWDYEKN EWKK
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

This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

References

Isolation of a cDNA clone encoding subunit IV of human cytochrome c oxidase.Zeviani M., Nakagawa M., Herbert J., Lomax M.I., Grossman L.I., Sherbany A.A., Miranda A.F., Dimauro S., Schon E.A.Gene 55:205-217(1987)Research Topic:Metabolism

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