

Recombinant human Cytochrome c1, heme protein, mitochondrial

Catalog No: #AP71722

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Package Size: #AP71722-1 20ug #AP71722-2 100ug #AP71722-3 1mg

Description

Product Name	Recombinant human Cytochrome c1, heme protein, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:85-325aaSequence Info:Full Length
Other Names	Complex III subunit 4Complex III subunit IVCytochrome b-c1 complex subunit 4Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit ;Cytochrome c-1
Accession No.	P08574
Uniprot	P08574
GeneID	1537;
Calculated MW	54.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SDLELHPPSYPSWSHRGLLSSLDHTSIRRGFQVYKQVCASCHSMDVFVAYRHLVGVGYTEDEAKELAAEVEVQD GPNEDGEMFMRPGKLFDFPKYPNSEAARAANNGALPPDLSYIVRARHGGEDYVFSLLTGYCEPPTGVSLR EGLYFNPFYFPGQAIAMAPPIYTDVLEFDDGTPATMSQIAKDVCTFLRWASEPEHDKRMRMGLKMLMMMLLV PLVYTIKRHKWSVLKSRKLAYRPPK
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 is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.

References

Nucleotide sequence of a cDNA encoding the precursor to human cytochrome c1.Nishikimi M., Ohta S., Suzuki H., Tanaka T., Kikkawa F., Tanaka M., Kagawa Y., Ozawa T.Nucleic Acids Res. 16:3577-3577(1988)Research Topic:Transport

Note: This product is for in vitro research use only