

Recombinant human Cytochrome b-c1 complex subunit 10 protein

Catalog No: #AP71832

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Package Size: #AP71832-1 20ug #AP71832-2 100ug #AP71832-3 1mg

Description

Product Name	Recombinant human Cytochrome b-c1 complex subunit 10 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-56aaSequence Info:Full Length
Other Names	Complex III subunit 10Complex III subunit XIUbiquinol-cytochrome c reductase complex 6.4KDA protein
Accession No.	O14957
Uniprot	O14957
GeneID	10975;
Calculated MW	33.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MVTRFLGPRYRELVKNWVPTAYTWGAVGAVGLVWATDWRLLLDWVPYINGKFKKDN
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 a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain.This protein may be closely linked to the iron-sulfur protein in the complex and function as an iron-sulfur protein binding factor.

References

The DNA sequence and biology of human chromosome 19.Grimwood J., Gordon L.A., Olsen A.S., Terry A., Schmutz J., Lamerdin J.E., Hellsten U., Goodstein D., Couronne O., Tran-Gyamfi M., Aerts A., Altherr M., Ashworth L., Bajorek E., Black S., Branscomb E., Caenepeel S., Carrano A.V. , Caoile C., Chan Y.M., Christensen M., Cleland C.A., Copeland A., Dalin E., Dehal P., Denys M., Detter J.C., Escobar J., Flowers D., Fotopulos D., Garcia C., Georgescu A.M., Glavina T., Gomez M., Gonzales E., Groza M., Hammon N., Hawkins T., Haydu L., Ho I., Huang W., Israni S., Jett J., Kadner K., Kimball H., Kobayashi A., Larionov V., Leem S.-H., Lopez F., Lou Y., Lowry S., Malfatti S., Martinez D., McCready P.M., Medina C., Morgan J., Nelson K., Nolan M., Ovcharenko I., Pitluck S., Pollard M., Popkie A.P., Predki P., Quan G., Ramirez L., Rash S., Retterer J., Rodriguez A., Rogers S., Salamov A., Salazar A., She X., Smith D., Slezak T., Solovyev V., Thayer N., Tice H., Tsai M., Ustaszewska A., Vo N., Wagner M., Wheeler J., Wu K., Xie G., Yang J., Dubchak I., Furey T.S., DeJong P., Dickson M., Gordon D., Eichler E.E., Pennacchio L.A., Richardson P., Stubbs L., Rokhsar D.S., Myers R.M., Rubin E.M., Lucas S.M.Nature 428:529-535(2004)Research Topic:Transport

Note: This product is for in vitro research use only