

# Recombinant human Cytochrome c oxidase subunit 5A, mitochondrial

Catalog No: #AP71663

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Package Size: #AP71663-1 20ug #AP71663-2 100ug #AP71663-3 1mg

## Description

Product Name	Recombinant human Cytochrome c oxidase subunit 5A, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:42-150aaSequence Info:Full Length
Other Names	Cytochrome c oxidase polypeptide Va
Accession No.	P20674
Uniprot	P20674
GeneID	9377;
Calculated MW	39.5 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	SHGSQETDEEFDARWVITYFNKPDIDAWELRKGINTLVTYDMVPEPKIIDAALRACRRLNDFASTVRILEVVKDK AGPHKEIYPYVIQELRPTLNELGISTPEELGLDKV
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 he A-containing chain of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

## References

Molecular evolution of the cytochrome c oxidase subunit 5A gene in primates.Uddin M., Opazo J.C., Wildman D.E., Sherwood C.C., Hof P.R., Goodman M., Grossman L.I.BMC Evol. Biol. 8:8-8(2008)Research Topic:Metabolism

Note: This product is for in vitro research use only