abcam

Product datasheet

Recombinant Human COX IV protein ab112273

1 Image

Description

Product name Recombinant Human COX IV protein

Expression system Wheat germ
Accession P13073

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MLATRVFSLVGKRAISTSVCVRAHESVVKSEDFSLPAYM

DRRDHPLPEVA

HVKHLSASQKALKEKEKASWSSLSMDEKVELYRIKFKES

FAEMNRGSNEW

KTVVGGAMFFIGFTALVIMWQKHYVYGPLPQSFDKEWVA

KQTKRMLDMKV NPIQGLASKWDYEKNEWKK

Predicted molecular weight 44 kDa including tags

Amino acids 1 to 169

Tags GST tag N-Terminus

Specifications

Our <u>Abpromise guarantee</u> covers the use of ab112273 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Western blot

ELISA

Form Liquid

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCI

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General Info

Function This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal

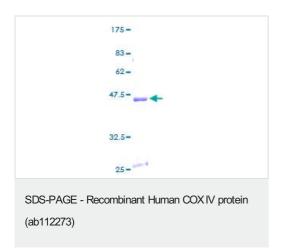
oxidase in mitochondrial electron transport.

Tissue specificity Ubiquitous.

Sequence similarities Belongs to the cytochrome c oxidase IV family.

Cellular localization Mitochondrion inner membrane.

Images



12.5% SDS-PAGE showing ab112273 at approximately 44.33kDa stained with Coomassie Blue.

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