

Product datasheet

Recombinant Human NDUFA8 protein ab158965

1 Image

Overview

Product name	Recombinant Human NDUFA8 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	MPGMVELPTLEELKVDEVKISSAVLKAAAHHYGAQCDK PNKEFMLCRWEE KDPRRCLEEGKLVNKCALDFFRQIKRHCAEFPFTEYWT CIDYTGQQLFRHC RKQQAQFDECVLDKLGWVRPDLGELSKVTKVKTDPRP LPENPYHSRPRPDP SPEIEGDLQPATHGSRFYFWTK
Amino acids	1 to 172
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158965** in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

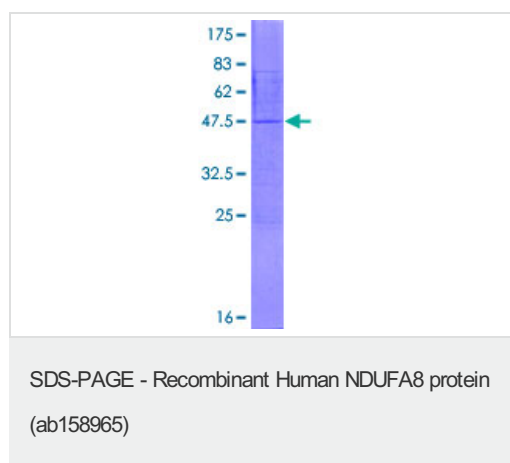
Preparation and Storage

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 HCl
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General Info

Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Sequence similarities	Belongs to the complex I NDUFA8 subunit family. Contains 2 CHCH domains.
Domain	Contains four C-X9-C motifs that are predicted to form a helix-coil-helix structure, permitting the formation of intramolecular disulfide bonds.
Post-translational modifications	May contain intrachain disulfide bonds, as evidenced by its electrophoretic mobility under reducing vs non-reducing conditions.
Cellular localization	Mitochondrion. Mitochondrion intermembrane space.

Images



ab158965 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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