

Product datasheet

Recombinant Human MARCH5 protein ab162820

1 Image

Overview

Product name	Recombinant Human MARCH5 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	MPDQALQQMLDRSCWVCFATDEDDRTAEWVRCRC RGSTKWVHQACLQRW VDEKQRGNSTARVACPQCNAEYLMFPKLGPPVYVLD LADRLISK
Amino acids	1 to 95
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab162820** 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.

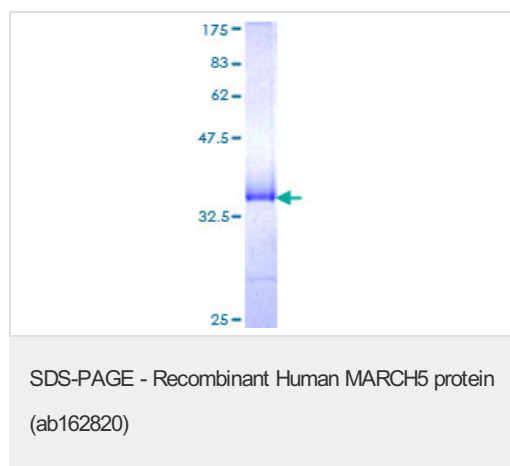
Preparation and Storage

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	Mitochondrial E3 ubiquitin-protein ligase that plays a crucial role in the control of mitochondrial morphology by acting as a positive regulator of mitochondrial fission. May play a role in the prevention of cell senescence acting as a regulator of mitochondrial quality control. Promotes ubiquitination of FIS1, DNM1L and MFN1.
Tissue specificity	Expressed in brain, heart, liver, lung, spleen, stomach, testis, skeletal and muscle.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Contains 1 RING-CH-type zinc finger.
Domain	The RING-CH-type zinc finger domain is required for E3 ligase activity.
Post-translational modifications	Autoubiquitinated leading to degradation (short half-life).
Cellular localization	Mitochondrion outer membrane. Endoplasmic reticulum membrane. Authors show that the protein can be detected in endoplasmic reticulum (PubMed:14722266). Authors (PubMed:16874301) show its presence only in mitochondria.

Images



ab162820 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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