abcam

Product datasheet

Recombinant Human MIC19 protein ab171478

1 Image

Description

Product name	Recombinant Human MIC19 protein
Purity	> 80 % SDS-PAGE. ab171478 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9NX63
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGGTTST RRVTFEADEN ENITVVKGIR LSENVIDRMK ESSPSGSKSQ RYSGAYGASV SDEELKRRVA EELALEQAKK ESEDQKRLKQ AKELDRERAA ANEQLTRAIL RERICSEEER AKAKHLARQL EEKDRVLKKQ DAFYKEQLAR LEERSSEFYR VTTEQYQKAA EEVEAKFKRY ESHPVCADLQ AKILQCYREN THQTLKCSAL ATQYMHCVNH AKQSMLEKGG
Predicted molecular weight	29 kDa including tags
Amino acids	1 to 277
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab171478** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	This product was previously labelled as CHCHD3

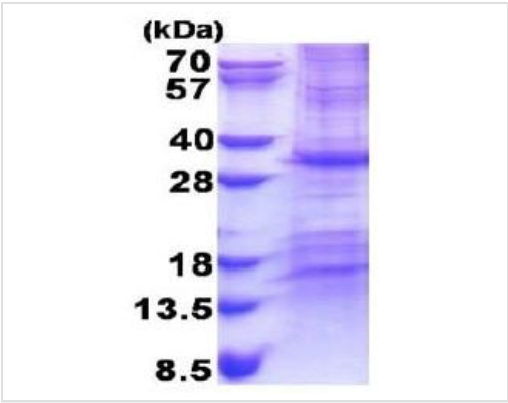
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.03% DTT, 0.32% Tris HCl, 50% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function	Required for maintenance of mitochondrial crista integrity and mitochondrial function. May act as a scaffolding protein that stabilizes protein complexes involved in crista architecture and protein import. Has also been shown to function as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription.
Tissue specificity	Detected at low levels in brain, placenta, lung, liver, kidney and pancreas with increased levels in heart and skeletal muscle. Higher expression in primary lung cancers than in normal lung tissue.
Sequence similarities	Contains 1 CHCH domain.
Cellular localization	Mitochondrion inner membrane. Cytoplasm. Nucleus.

Images



SDS-PAGE - Recombinant Human MIC19 protein (ab171478)

15% SDS-PAGE analysis of ab171478 (3µg).

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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