

Product datasheet

Recombinant Human MOCS2 protein ab134527

1 Image

Description

Product name	Recombinant Human MOCS2 protein
Purity	> 90 % SDS-PAGE. ab134527 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O96007</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGS MSSLEISSSCFSLE TKLPLSPPLVEDSAFEP SRKDMDEVEEKSKDVINFTA EKL SVDEVSQLVI SPLCGAISLFVGTTRNNFEGKKVISLEYEAYLPMAENEVRK ICSDIRQKW PVKHIAVFHRLGLVPVSEASIIIVSSAHRAASLEAVSYAIDT LKAKVPIWKKEIYESSTWKGNKECFWASNS
Predicted molecular weight	25 kDa including tags
Amino acids	1 to 188
Tags	His tag N-Terminus , DDDDK tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab134527** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.88% Sodium chloride, 50% Glycerol (glycerin, glycerine), 0.32% Tris HCl, 0.02% DTT

General Info

Relevance

The large (MOCS2B) and small (MOCS2A) subunits of molybdopterin synthase are both encoded from the MOCS2 gene by overlapping open reading frames. MOCS2B is the catalytic subunit of the molybdopterin synthase complex, a complex that catalyzes the conversion of precursor Z into molybdopterin. It acts by mediating the incorporation of 2 sulfur atoms from thiocarboxylated MOCS2A into precursor Z to generate a dithiolene group.

Cellular localization

Cytoplasmic

Images



15% SDS-PAGE analysis of 3 µg ab134527.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- 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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