abcam

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

TKLPLSPPLVEDSAFEPSRKDMDEVEEKSKDVINFTAEKL

SVDEVSQLVI

SPLCGAISLFVGTTRNNFEGKKVISLEYEAYLPMAENEVRK

ICSDIRQKW

PVKHIAVFHRLGLVPVSEASIIIAVSSAHRAASLEAVSYAIDT

LKAKVPIWKKEIYEESSTWKGNKECFWASNS

Predicted molecular weight 25 kDa including tags

Amino acids 1 to 188

Tags His tag N-Terminus , DDDDK tag N-Terminus

Specifications

Our Abpromise quarantee 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

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

DTT

General Info

Relevance The large (MOCS2B) and small (MOCS2A) subunits of molybdopterin synthase are both encoded

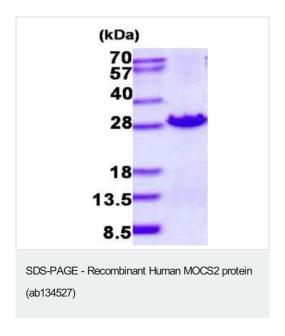
from the MOCS2 gene by overlapping open reading frames. MOCS2B is the catalytic subunit of the molybdopterin synthase complex, a complex that catalyzes the conversion of precursor Z into molybdopterin. It acts by mediating the incorporation of 2 sulfur atoms from thiocarboxylated

MOCS2A into precursor Z to generate a dithiolene group.

Cellular localization

Cytoplasmic

Images



15% SDS-PAGE analysis of 3 μg ab134527.

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