

Product datasheet

Recombinant Human MKK6 protein (denatured)
 ab202240

1 Image

Description

| | | |
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| Product name | Recombinant Human MKK6 protein (denatured) | |
| Purity | > 85 % SDS-PAGE. Purified using conventional chromatography techniques. | |
| Expression system | Escherichia coli | |
| Accession | P52564 | |
| Protein length | Protein fragment | |
| Animal free | No | |
| Nature | Recombinant | |
| Species | Human | |
| Sequence | MGSSHHHHHH SSGLVPRGSH MLEPIMELGR GAYGVVEKMR HVP SQIMAV KRIRATVNSQ EQKRLMDLD ISMRTVDCPF TVTFYGALFR EGDVVICMEL MDTSLDKFYK QVIDKGQTIP EDILGKIAVS MKALEHLHS KLSVIHRDVK PSNVLINALG QVKMCDFGIS GYLVEVAKE IDAGCKPYMA PERINPELNQ KGYSVKSDIW SLGITMIELA ILRFPYDSWG TPFQQLKQVV EEPSPQLPAD KFSAEFVDFT SQCLKKNSKE RPTYPELMQH PFF | |
| Predicted molecular weight | 32 kDa including tags | |
| Amino acids | 53 to 314 | |
| Tags | His tag N-Terminus | |
| Additional sequence information | NP_002749. | |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab202240** 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 |
| Form | Liquid |
| Additional notes | This product was previously labelled as MEK6 |

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: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in MAP kinase p38 exclusively.

Tissue specificity

Isoform 2 is only expressed in skeletal muscle. Isoform 1 is expressed in skeletal muscle, heart, and in lesser extent in liver or pancreas.

Sequence similarities

Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase subfamily.

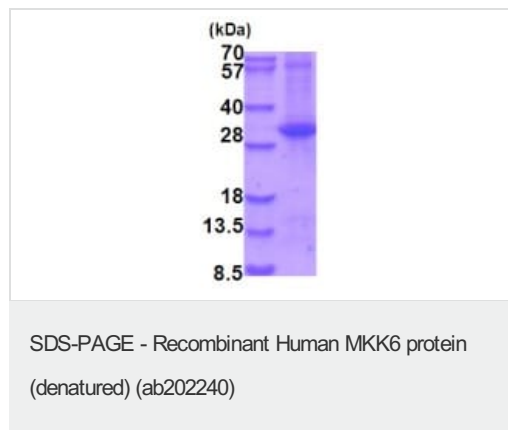
Contains 1 protein kinase domain.

Post-translational modifications

Weakly autophosphorylated.

Acetylation of Ser-207 and Thr-211 by *Yersinia yopJ* prevents phosphorylation and activation, thus blocking the MAPK signaling pathway.

Images



15% SDS-PAGE analysis of ab202240 (3µg).

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
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