

Product datasheet

Recombinant Human MNK1 protein ab62572

[2 Images](#)

Description

Product name	Recombinant Human MNK1 protein
Purity	> 70 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>Q9BUB5</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Actual molecular weight	74 kDa including tags
Amino acids	2 to 465
Modifications	mutated T385D
Tags	GST tag N-Terminus
Additional sequence information	Deletion a.a. 165-205.

Specifications

Our **Abpromise guarantee** covers the use of **ab62572** in the following tested applications.

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

Applications	Functional Studies Western blot
Form	Liquid

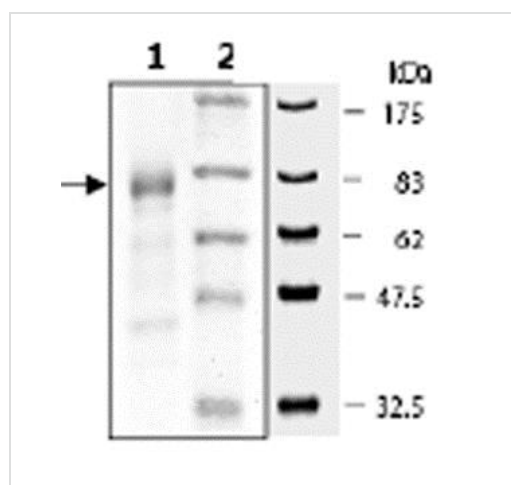
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.0462% (R*,R*)-1,4-Dimercaptobutan-2,3-diol, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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General Info

Function	May play a role in the response to environmental stress and cytokines. Appears to regulate transcription by phosphorylating EIF4E, thus increasing the affinity of this protein for the 7-methylguanosine-containing mRNA cap.
Tissue specificity	Ubiquitous.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Contains 1 protein kinase domain.
Post-translational modifications	Dual phosphorylation of Thr-250 and Thr-255 activates the kinase. Phosphorylation of Thr-385 activates the kinase.
Cellular localization	Cytoplasm and Cytoplasm. Nucleus.

Images

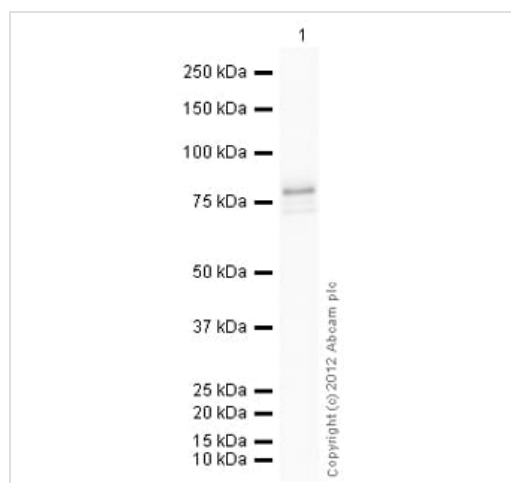


SDS-PAGE - Recombinant Human MNK1 protein
(ab62572)

ab62572 on 10% SDS-PAGE, Coomassie staining.

Lane 1 ab62572.

Lane 2 Protein marker.



Western blot - Recombinant Human MNK1 protein
(ab62572)

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

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