

Product datasheet

Recombinant Human MNK1 protein ab62572

2 Images

Description

Product name	Recombinant Human MNK1 protein
Expression system	Baculovirus infected Sf9 cells
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

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
Additional notes	ab62572 was expressed in a Baculovirus infected Sf9 cell expression system.

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% DTT, 0.395% Tris HCl, 0.05% Tween, 50% Glycerol, 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.

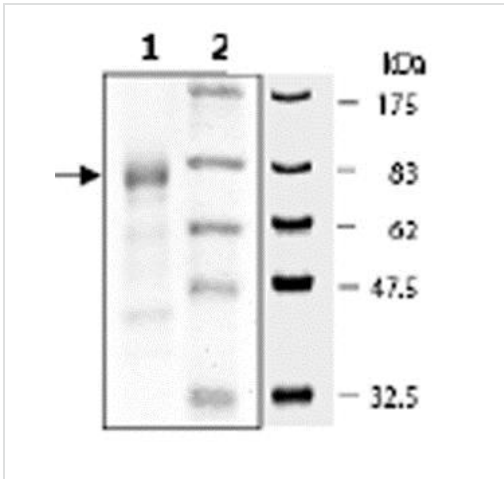
Post-translational modifications

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



ab62572 on 10% SDS-PAGE, Coomassie staining.

Lane 1 ab62572.

Lane 2 Protein marker.

SDS-PAGE - Recombinant Human MNK1 protein (ab62572)



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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