

Product datasheet

Recombinant Human MAP3K12 protein ab131688

[1 References](#) [1 Image](#)

Description

Product name	Recombinant Human MAP3K12 protein
Purity	> 75 % SDS-PAGE. Assessed by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	Q9NS73
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	94 kDa including tags
Amino acids	1 to 520
Description	Recombinant Human MAP3K12 protein

Specifications

Our [Abpromise guarantee](#) covers the use of **ab131688** 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 Western blot
Form	Liquid

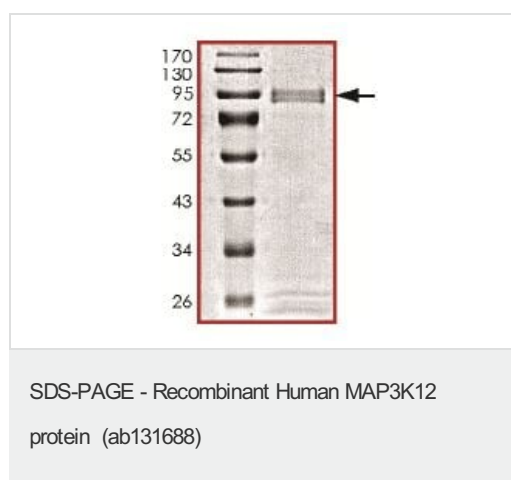
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.005% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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General Info

Function	May be an activator of the JNK/SAPK pathway. Phosphorylates beta-casein, histone 1 and myelin basic protein in vitro.
Tissue specificity	Highly expressed in brain and kidney.
Sequence similarities	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily. Contains 1 protein kinase domain.
Domain	Interacts with MBIP through the leucine-zipper motif.
Post-translational modifications	Autophosphorylated on Ser/Thr. Phosphorylated in cytosol under basal conditions and dephosphorylated when membrane-associated.
Cellular localization	Cytoplasm. Membrane.

Images



The purity of 131688 was determined to be >75% by densitometry.

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

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