

## Product datasheet

# Recombinant human MEKK3 protein ab85297

[4 Images](#)

### Description

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<b>Product name</b>	Recombinant human MEKK3 protein
<b>Biological activity</b>	Specific activity: 20nmol/min/mg.
<b>Purity</b>	> 90 % Densitometry. Affinity purified.
<b>Expression system</b>	Baculovirus infected Sf9 cells
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

### Specifications

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Our **Abpromise guarantee** covers the use of **ab85297** in the following tested applications.

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

<b>Applications</b>	Western blot Functional Studies
<b>Form</b>	Liquid
<b>Additional notes</b>	<b>ab64311</b> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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### General Info

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**Function**

Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.

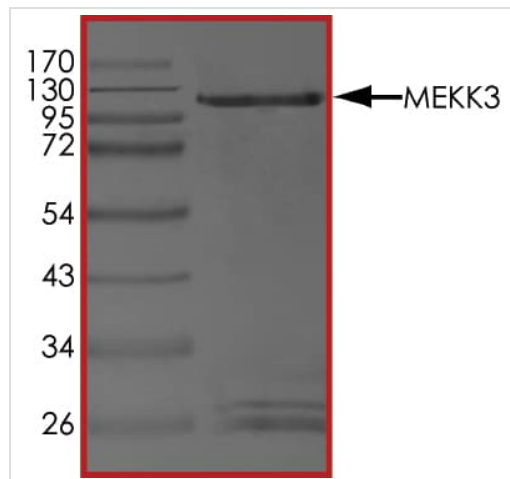
**Sequence similarities**

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

Contains 1 OPR domain.

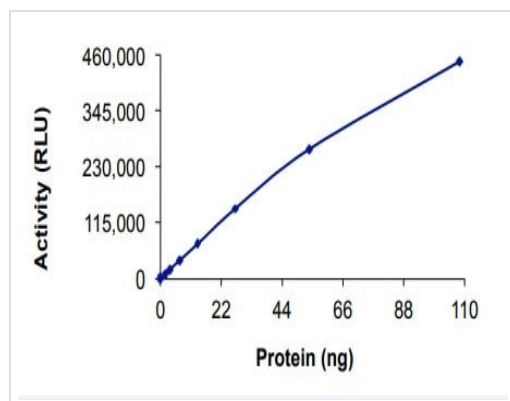
Contains 1 protein kinase domain.

**Images**



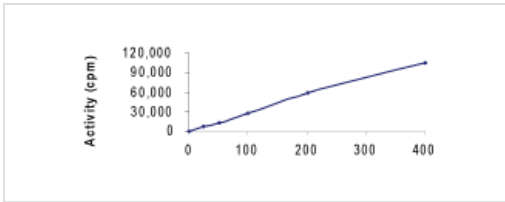
SDS PAGE analysis of ab85297

SDS-PAGE - Recombinant human MEKK3 protein (ab85297)



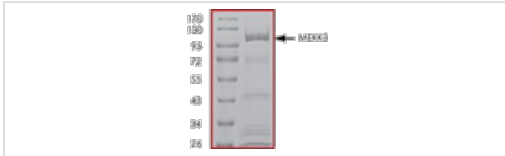
The specific activity of MEKK3 (ab85297) was determined to be 15.7 nmol /min/mg as per activity assay protocol, and was equivalent to 21 nmol/min/mg as per radiometric assay.

Functional Studies - Recombinant human MEKK3 protein (ab85297)



Specific activity example of ab85297

Functional Studies - Recombinant human MEKK3 protein (ab85297)



SDS Page analysis of ab85297

SDS-PAGE - Recombinant human MEKK3 protein (ab85297)

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

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