

Product datasheet

Recombinant human MST4 protein ab60341

4 Images

Description

Product name	Recombinant human MST4 protein
Purity	> 90 % SDS-PAGE. Purity: >90% as determined by densitometry. Affinity purified.
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 **ab60341** 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 SDS-PAGE Western blot
Form	Liquid
Additional notes	ab43614 (Human Myelin Basic Protein full length protein) can be utilized as a substrate for assessing Kinase activity

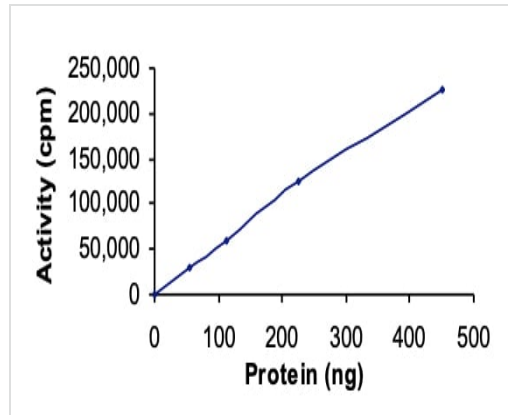
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 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

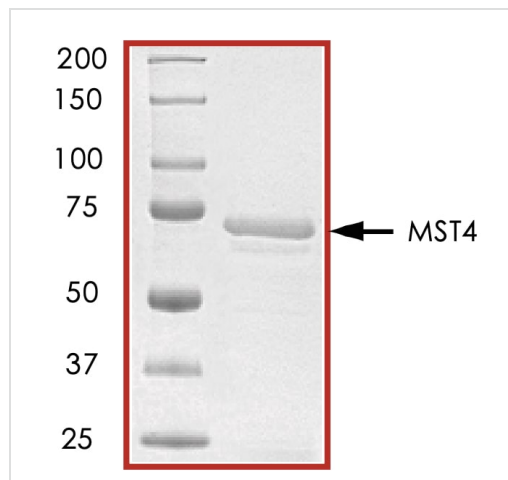
Function	Mediator of cell growth. Modulates apoptosis.
Sequence similarities	Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily. Contains 1 protein kinase domain.
Cellular localization	Cytoplasm. Golgi apparatus membrane. Localizes to the Golgi apparatus.

Images



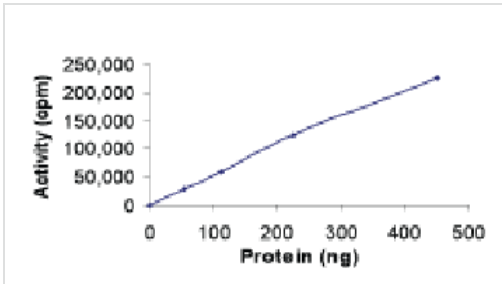
The specific activity of MST4 (ab60341) was determined to be 23 nmol/min/mg as per activity assay protocol

Functional Studies - Recombinant human MST4 protein (ab60341)



SDS PAGE analysis of ab60341

SDS-PAGE - Recombinant human MST4 protein (ab60341)



Sample Kinase Activity Plot.

Functional Studies - Recombinant human MST4 protein (ab60341)



Western blot - Recombinant human MST4 protein (ab60341)

Anti-MST4 antibody [EP1864Y] (**ab52491**) at 1/20000 dilution + Recombinant human MST4 protein (ab60341) at 0.01 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Exposure time: 20 seconds

Ab52491 recognizes the full length tagged recombinant MST4 protein (ab60341) which has an expected molecular weight of 72 kDa.

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

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