abcam

Product datasheet

Recombinant Human MATK protein ab158863

1 Image

Overview

Product name	Recombinant Human MATK protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	RAPYPKMSLKEVSEAVEKGYRMEPPEGCPGPVHVLM SSCWEAEPARRPPF RKLAEKLARELRSAGAPASVSGQDADGSTSPRSQEP
Amino acids	422 to 507
Tags	proprietary tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of **ab158863** in the following tested applications.

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

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

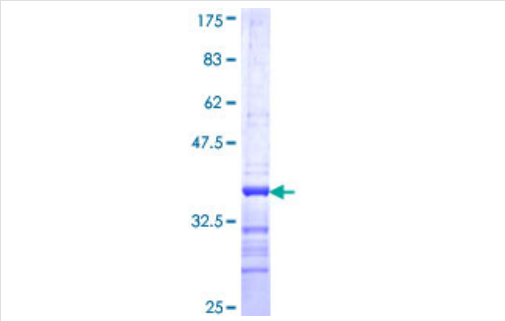
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation.
Tissue specificity	Expressed in various myeloid cell lines, detected in brain and lung.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSK subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm.

Images



SDS-PAGE - Recombinant Human MATK protein (ab158863)

ab158863 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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