

Product datasheet

Recombinant Mouse Fibroblast activation protein, alpha (Tagged) ab271506

1 Image

Description

Product name	Recombinant Mouse Fibroblast activation protein, alpha (Tagged)
Purity	= 90 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	P97321
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	<p>LRPSRVYKPE GNTKRALTLK DILNGTFSYK TYFPNWISEQ EYLHQSEDDN MFYNIETRE SYILSNSTM KSVNATDYGL SPDRQFVYLE SDYSKLWRYYS YTATYYIDL QNGEFVRGYE LRPRIQYLCW SPVGSKLAYV YQNNIYLKQR PGDPPFQITY TGRENRIENG IPDWVYEEEM LATKYALWWS PDGKFLAYVE FNDSDIPIA YSYGDDGQYP RTINIPYPKA GAKNPVVRVF IVDTTYPHHV GPMEVPVPEM IASDYYFSW LTWVSSERV LQWLKRVQNV SVLSICDFRE DWHAWEC PKN QEHVEESRTG WAGGFFVSTP AFSQDATSY KIFSDKDGYK HIHYIKDTVE NAIQITSGKW EAMIFRVTQ DSLFYSSNEF EGYPGRRNIY RISIGNSPPS KKCVTCHLRK ERCQYATASF SYKAKYYALV CYGPGLPIST LHDGRTDQEI QVLEENKELE NSLRNIQLPK VEIKKLDGG LTFWYKMILP PQFDRSKKYP LLIQVYGGPC SQSVKSVFAV NWTYLASKE GVIALVDGR GTAFQGDKFL HAVYRKLGVY EVEDQLTAVR KFIEMGFIDE ERIAWGWSY GGVSSLALA SGTGLFKCGI AVAPVSSWEY YASYSERFM GLPTKDDNLE HYKNSTVMAR AEYFRNVDYL LIHGTADDNV HFQNSAQIAK ALVNAQVDFQ AMWYSDQNHG ISSGRSQNHL YTHMTHFLKQ CFSLSLSD</p>
Predicted molecular weight	88 kDa including tags
Amino acids	26 to 761

Tags His tag C-Terminus
Additional sequence information Genbank: NM_007986

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271506** 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

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.
pH: 7.40
Constituents: 0.13% Sodium phosphate, 1.61% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Function In association with DPP4 is involved in the pericellular proteolysis of the extracellular matrix (ECM), the migration and invasion of endothelial cells into the ECM. May have a role in tissue remodeling during development and wound healing, and may contribute to invasiveness in malignant cancers.

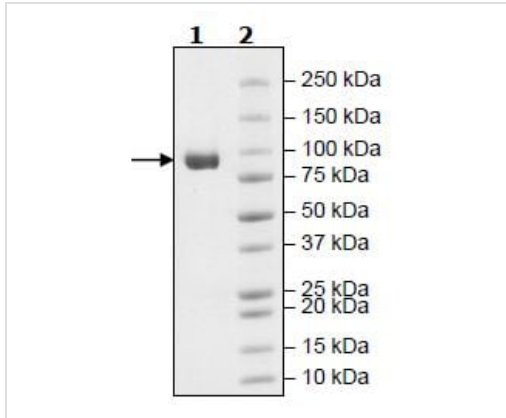
Tissue specificity Fibroblast specific.

Sequence similarities Belongs to the peptidase S9B family.

Post-translational modifications N-glycosylated.
The N-terminus may be blocked.

Cellular localization Cell membrane. Cell projection > lamellipodium membrane. Cell projection > invadopodium membrane. Found in cell surface lamellipodia, invadopodia and on shed vesicles. Colocalized with DPP4 in invadopodia and lamellipodia of migratory activated endothelial cells in collagenous matrix. Colocalized with DPP4 on endothelial cells of capillary-like microvessels but not large vessels within invasive breast ductal carcinoma.

Images



SDS-PAGE by analysis of ab271506.

SDS-PAGE - Recombinant Mouse Fibroblast
activation protein, alpha (Tagged) (ab271506)

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