

Product datasheet

Recombinant Mouse SLAMF7/CS1 protein (His tag)
ab276793

1 Image

Description

Product name	Recombinant Mouse SLAMF7/CS1 protein (His tag)
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	HEK 293 cells
Accession	<u>Q8BHK6</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	MARFSTYIIF TSVLCQLTVT AASGTLKKVA GALDGSVTFT LNITEIKVDY VVWTFNTFFL AMVKKDGVTS QSSNKERMF PDGLYSMKLS QLKKND SGAYRAEYSTSSQ ASLIQEYVLH VYKHL SRPKV TIDRQSNKNG TCVINLTCST DQDGENVTYS WKAVGQGDNQ FHDGATLSIA WRSGEKDQAL TCMARNPVS N SFSTPVFPQK LCEDAATDLT SLRG
Predicted molecular weight	24 kDa including tags
Molecular weight information	The recombinant mouse SLAMF7 consists of 213 amino acids with the predicted molecular mass of 23.7 kDa. As a result of glycosylation, the apparent molecular mass of rm SLAMF7 is approximately 35-50 kDa in SDS-PAGE under reducing conditions.
Amino acids	1 to 224
Tags	His tag C-Terminus
Additional sequence information	Predicted N-terminus: Ser 23.

Specifications

Our **Abpromise guarantee** covers the use of **ab276793** 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 Lyophilized

Preparation and Storage

Stability and Storage Shipped at Room Temperature. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
pH: 7.40
Constituent: 100% PBS

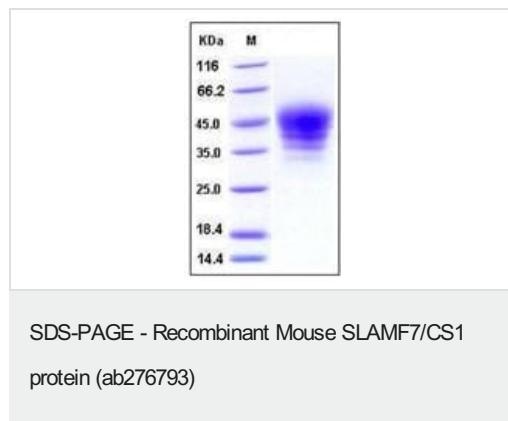
Reconstitution This information is lot specific. Please contact our technical Support team for details.

General Info

Relevance SLAMF7 contains one Ig-like C2-type (immunoglobulin-like) domain. Isoform 1 mediates NK cell activation through a SAP-independent extracellular signal-regulated ERK-mediated pathway. It may play a role in lymphocyte adhesion. Isoform 3 does not mediate any activation. SAP can bind the cytoplasmic tail of isoform 1 when phosphorylated in the presence of Fyn (in vitro). SLAMF7 is expressed in spleen, lymph node, peripheral blood leukocytes, bone marrow, small intestine, stomach, appendix, lung and trachea. Expression was detected in NK cells, activated B-cells, NK-cell line but not in promyelocytic, B-, or T-cell lines. The isoform 3 is expressed at much lower level than isoform 1. There are three named isoforms.

Cellular localization Membrane; Single-pass type I membrane protein.

Images



SDS-PAGE analysis of ab276793

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