

Product datasheet

Recombinant Human ILT-4 protein (Tagged) (Biotin)
 ab271595

1 Image

Description

Product name	Recombinant Human ILT-4 protein (Tagged) (Biotin)
Purity	>= 90 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	Q8N423
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>QTGTIPKPT LWAEPDSVIT QGSPVTLSCQ GSLEAQEYRL YREKKSASWI TRIRPELVKN GQFHIPSITW EHTGRYGCQY YSRARWSELS DPLVLVMTGA YPKPTLSAQP SPVVTSGGRV TLQCESQVAF GGFILCKEKE EEHPQCLNSQ PHARGSSRAI FSVGVPVSPNR RWSHRCYGYD LNSPYWSSP SDLLELLVPG VSKKPSLSVQ PGPVVAPGES LTLQCVSDVG YDRFVLYKEG ERDLRQLPGR QPQAGLSQAN FTLGPVRSY GGQYRCYGAH NLSSECSAPS DPLDILITGQ IRGTPFISVQ PGPTVASGEN VTLLCQSWRQ FHTFLLTKAG AADAPLRLRS IHEYPKYQAE FPMSPVSAH AGTYRCYGSL NSDPYLLSHP SEPLELVVSG PSMGSSPPPT GPISTPAGPE DQPLTPTGSD PQSGLGRH</p>
Predicted molecular weight	52 kDa
Amino acids	22 to 458
Tags	Avi tag C-Terminus , Fc tag C-Terminus
Conjugation	Biotin

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271595** 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
Additional notes	Enzymatically biotin-labeled using Avi-tag™ technology

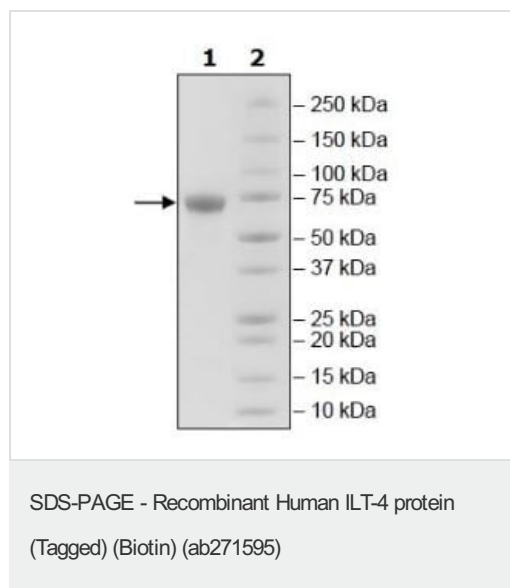
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark. pH: 7.40 Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)
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General Info

Function	Receptor for class I MHC antigens. Recognizes a broad spectrum of HLA-A, HLA-B, HLA-C and HLA-G alleles. Involved in the down-regulation of the immune response and the development of tolerance. Competes with CD8A for binding to class I MHC antigens. Inhibits FCGR1A-mediated phosphorylation of cellular proteins and mobilization of intracellular calcium ions.
Tissue specificity	Expressed on monocytes and B-cells, and at lower levels on dendritic cells. Detected at low levels in natural killer (NK) cells.
Sequence similarities	Contains 4 Ig-like C2-type (immunoglobulin-like) domains.
Domain	Contains 3 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.
Post-translational modifications	Phosphorylated on tyrosine residues. Dephosphorylated by PTPN6.
Cellular localization	Membrane.

Images



SDS-PAGE analysis of 4 µg ab271595.

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

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