Datasheet for ABIN7535258

LILRA3 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	LILRA3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRA3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LILRA3/CD85e Protein
Sequence:	GPLPKPTLWA EPGSVITQGS PVTLRCQGSL ETQEYHLYRE KKTALWITRI PQELVKKGQF PILSITWEHA GRYCCIYGSH TAGLSESSDP LELVVTGAYS KPTLSALPSP VVTSGGNVTI QCDSQVAFDG FILCKEGEDE HPQCLNSHSH ARGSSRAIFS VGPVSPSRRW SYRCYGYDSR APYVWSLPSD LLGLLVPGVS KKPSLSVQPG PVVAPGEKLT FQCGSDAGYD RFVLYKEWGR DFLQRPGRQP QAGLSQANFT LGPVSRSYGG QYTCSGAYNL SSEWSAPSDP LDILITGQIR ARPFLSVRPG PTVASGENVT LLCQSQGGMH TFLLTKEGAA DSPLRLKSKR QSHKYQAEFP MSPVTSAHAG TYRCYGSLSS NPYLLTHPSD PLELVVSGAA ETLSPPQNKS DSKAGE
Specificity:	Gly24-Glu439
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<1EU/µg

Target Details

Target:	LILRA3
Alternative Name:	LILRA3/CD85e (LILRA3 Products)
Background:	Description: LILRA3, also known as ILT6, belongs to the ILT family. In humans, the ILT gene family includes up to 11 members. The extracellular portion of all members includes at least two and usually four immunoglobulin domains. ILT-2 through 5 are all inhibitory members having variable numbers of cytoplasmic ITIM domains. ILT6 lacks a transmembrane domain. The function of ILT6 is currently unknown. however it is highly homologous to other LILR genes, and can bind human leukocyte antigen (HLA) class I. Therefore, if secreted, the ILT6 might impair interactions of membrane-bound LILRs (such as LILRB1, an inhibitory receptor expressed on effector and memory CD8 T cells) with their HLA ligands, thus modulating immune reactions and influencing susceptibility to disease. Name: LILRA3,ILT6,LIR4,CD85e,LILRA3
Gene ID:	11026
UniProt:	Q8N6C8

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for long term.|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.