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Datasheet for ABIN7505583
LILRB1 Protein (AA 24-458) (His tag)

Overview

Quantity:	100 µg
Target:	LILRB1
Protein Characteristics:	AA 24-458
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LILRB1 protein is labelled with His tag.

Product Details

Sequence:	Gly24-His458
Characteristics:	Recombinant Human Leukocyte Immunoglobulin-Like Receptor Subfamily B Member 1 is produced by our Mammalian expression system and the target gene encoding Gly24-His458 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	LILRB1
Alternative Name:	LILRB1 (LILRB1 Products)
Background:	Background: The immunoglobulin-like transcript (ILT) family (also named leukocyte Ig-like receptors (LIR) and monocyte/macrophage Ig-like receptors (MIR)) can be activating and

Target Details

inhibitory immunoreceptors. ILTs are expressed on many leukocyte subsets and regulators of immune responses. ILTs share significant homology with killer cell Ig-like receptors (KIR). Except ILT-6, all ILT family members are type I transmembrane proteins having two or four extracellular Ig-like domains. ILT2 is expressed on most monocytes, dendritic cells, and mature B cells. ILT2 is also expressed on small percentages of T-cells and NK cells. ILT2 can prevent cellular activation.

Synonym: Leukocyte Immunoglobulin-Like Receptor Subfamily B Member 1, LIR-1, Leukocyte Immunoglobulin-Like Receptor 1, CD85 Antigen-Like Family Member J, Immunoglobulin-Like Transcript 2, ILT-2, Monocyte/Macrophage Immunoglobulin-Like Receptor 7, MIR-7, CD85j, LILRB1, ILT2, LIR1, MIR7

Molecular Weight: 48.2 kDa

UniProt: [D9IDM8](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months