

Recombinant Human LILRB1 (C-6His)

Catalog No: C484

Description	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.	
Source	Human Cells	
Alternative name	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	
Predicted Molecular Weight	48.24kDa	
AP Molecular Weight	65-90kDa, reducing conditions.	
Accession No.	ADJ55949.1	
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.	
Quality Control	Bioactivity	Immobilized Human LGALS3 (Cat#C068) at 1.5µg/ml (100 µl/well) can bind Human LAMP2-His (Cat#C483).
		The ED50 of Human LAMP2-His (Cat#C483) is 3-15 ug/ml.
	Purity:	Greater than 95% as determined by reducing SDS-PAGE.
	Endotoxin:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.	
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	
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 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 prevents cellular activation.	

SDS-Page

