

32-7438: Recombinant Human Leukocyte Ig-Like Receptor B1/LILRB1/ILT2/CD85j (C-6His)(Discontinued)

Gene : LILRB1
Gene ID : 10859
Uniprot ID : Q8NHL6

Description

Source: Human Cells.

MW :48.24kD.

Recombinant Human LILRB1 is produced by our Mammalian expression system and the target gene encoding Gly24-His458 is expressed with a 6His tag at the C-terminus. 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 prevent cellular activation.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Storage condition : 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.

Amino Acid : GHLPKPTLWAEPGSVITQGSPVTLRCQGGQETQEYRLYREKKTAPWITRIPQELVKKGGQFPISITWEHAGRYRC
YYGSDTAGRSESSDPLELVVTGAYIKPTLSAQSPVVNSGGNVTLQCDSQVAFDGFILCKEGEDEHPQCLNSQP
HARGSSRAIFSVGPVSPRRWWYRCYAYDSNSPYEWSLPSDLLELLVLGVSKKPSLSVQPGPIVAPEETLTLC
GSDAGYNRFVLYKDGERDFLQLAGAPQAGLSQANFTLGPVSRSYGGQYRCYGAHNLSSEWSAPSDPLDILIA
GQFYDRVLSVQPGPTVASGENVTLLCQSQGWMTFLTKEGAADDPWRLRSTYQSQKYQAEFPMGPVTS
HAGTYRCYGSQSSKPYLLTHPSDPLELVVSGPSGGPSSPTTGPTSTSGPEDQPLTPTGSDPQSGLGRLHVDHHH
HHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.