



Recombinant Protein Technical Manual

Recombinant Human LILRB1 Protein (His Tag)

RPES1264

Product Data:

Product SKU: RPES1264

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: ADJ55949.1

Protein Information:

Molecular Mass: 48.2 kDa

AP Molecular Mass: 79 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

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

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Leukocyte Immunoglobulin-Like Receptor Subfamily B Member 1; LIR; 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

Immunogen Information:

Sequence: Gly24-His458

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 prevent cellular activation.