

Recombinant Rat LILRA5 Protein, C-His-tagged

Product Information

Cat	IMP-1763
Official Symbol	Lilra5
Product Overview	Recombinant rat LILRA5 (D4A6Y0) (Met1-Asn248) was expressed, fused with a polyhistidine tag at the C-terminus.
Description	LILRA5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LILR are a family of receptors possessing extracellular immunoglobulin domains. They are also known as CD85, ILTs, and LIR, and can exert immunomodulatory effects on a wide range of immune cells. ILT-11 contains 2 Ig-like C2-type (immunoglobulin-like) domains. It can be detected in tissues of the hematopoietic system, including bone marrow, spleen, lymph node, and peripheral leukocytes. Crosslink of ILT-11 on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses.
Expression System	HEK293
Species	Rat
Tag	C-His
Predicted N Terminal	Gln 17
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant rat LILRA5 comprises 243 amino acids and predicts a molecular mass of 27.2 kDa. The apparent molecular mass of the recombinant protein is approximately 37 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Protein length	Met1-Asn248
Endotoxin	< 1.0 EU/ μ g protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
SDS-PAGE	

