

Recombinant Monkey LILRB5 Protein (Gly24-Gly458), C-Fc-tagged

Product Information

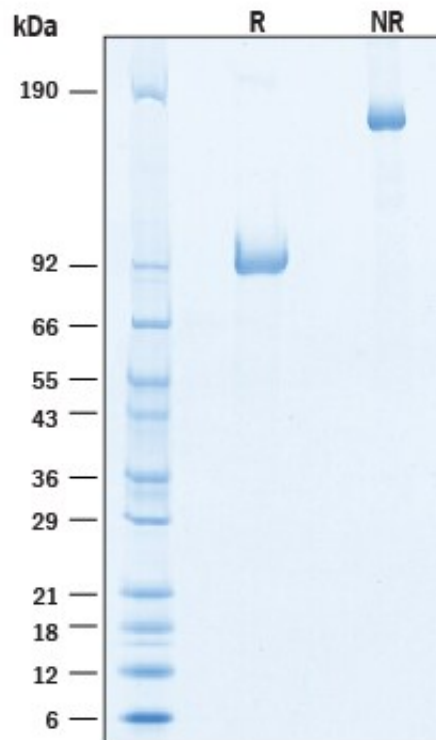
Cat	IMP-9642
Official Symbol	LILRB5
Product Overview	Recombinant Cynomolgus LILRB5/CD85c/LIR-8 protein (Gly24-Gly458) with a human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Chinese Hamster Ovary cell line.
Description	<i>This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). Several other LIR subfamily B receptors are expressed on immune cells where they bind to MHC class I molecules on antigen-presenting cells and inhibit stimulation of an immune response. Multiple transcript variants encoding different isoforms have been found for this gene.</i>
Expression System	CHO
Species	Monkey
Tag	C-Fc
Predicted N Terminal	Gly24
Form	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Molecular Mass	Predicted Molecular Mass: 74 kDa SDS-PAGE: 86-99 kDa, under reducing conditions.
Protein length	Gly24-Gly458
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Cynomolgus Monkey LILRB5/CD85c/LIR-8 Fc Chimera is immobilized at 2 µg/mL (100 µL/well), Recombinant Human Angiopoietin-like Protein 7/ANGPTL7 binds with an ED50 of 14.0-140 ng/mL.
Endotoxin	
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Notes	Disulfide-linked homodimer
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12

months from date of receipt, -20 to -70 centigrade as supplied. 1 week, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -70 centigrade under sterile conditions after reconstitution.

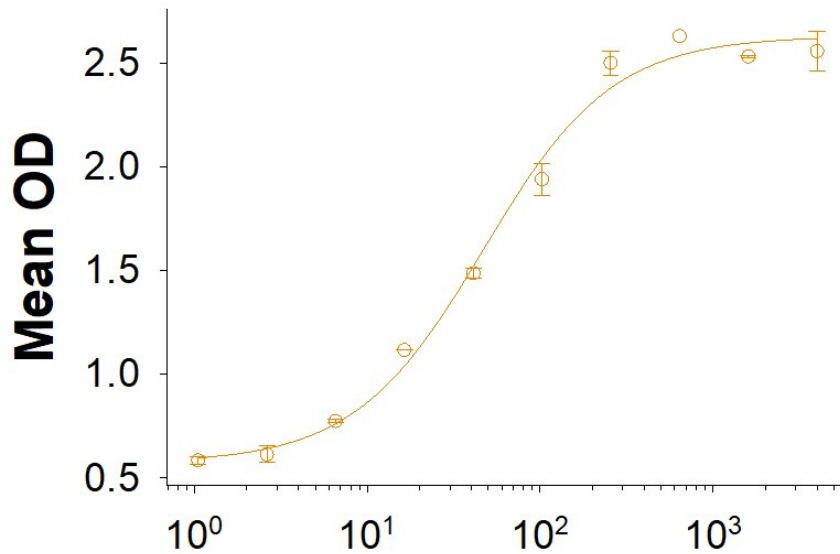
Reconstitution

Reconstitute at 500 µg/mL in PBS.

SDS-PAGE



Bioactivity-ELISA 1



Recombinant Human Angiopoietin-like Protein 7/ANGPTL7 (ng/mL)

Measured by its binding ability in a functional ELISA. When Recombinant Cynomolgus Monkey LILRB5/CD85c/LIR-8 Fc Chimera is immobilized at 2 µg/mL (100 µL/well), Recombinant Human Angiopoietin-like Protein 7/ANGPTL7 binds with an ED50 of 14.0-140 ng/mL.