Recombinant Mouse PILRB1 Protein, Fc-tagged

Cat. No. PILRB1-854M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse PILRB1 (Q2YFS2) extracellular domain (Met 1-Gly 193) was fused with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-193 a.a.
Predicted N Terminal	Gly 29
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse PILRB1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 406 amino acids and has a calculated molecular mass of 45.8 kDa. As a result of glycosylation, the apparent molecular mass of rmIL1RAPL1/Fc monomer is approximately 55-60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.

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Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Pilrb1 paired immunoglobin-like type 2 receptor beta 1 [Mus musculus]
Official Symbol	Pilrb1
Synonyms	Fdact; Pilrb; FDFACT; activating receptor PILR-beta; cell surface receptor FDFACT; immunoglobulin-like cell surface receptor FDFACT, activating counterpart
Gene ID	170741
mRNA Refseq	NM_133209
Protein Refseq	NP_573472
MIM	
UniProt ID	Q2YFS2
Chromosome Location	5; 5 G2
Function	MHC class I protein binding; protein binding

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