

Active Recombinant Mouse Pilrb1 Protein, His-tagged

Cat. No. Pilrb1-810M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pilrb1 (Accession # NP_573472) Ala28-Gly193, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Ala28-Gly193
Predicted N Terminal	Ala28
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to bind Recombinant Mouse CD99 Fc Chimera in a functional ELISA. Shiratori, I. et al. (2004) J Exp. Med. 199:525. The ED50 for this effect is typically <12 pg/mL.
Molecular Mass	Recombinant Mouse Pilrb1, His-tagged has a calculated MW of 19.6 kDa. In SDS-PAGE migrates as 39-44 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Pilrb1 paired immunoglobulin-like type 2 receptor beta 1 [Mus musculus (house mouse)]
Official Symbol	Pilrb1
Synonyms	Fdact; Pilrb; FDFACT; paired immunoglobulin-like type 2 receptor beta; paired immunoglobulin-like type 2 receptor beta; activating receptor PILR-beta; cell surface receptor FDFACT; immunoglobulin-like cell surface receptor FDFACT, activating counterpart
Gene ID	170741
mRNA Refseq	NM_133209.2
Protein Refseq	NP_573472.2
MIM	
UniProt ID	Q2YFS2
Chromosome Location	5; 5 G2

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