Active Recombinant Mouse Pilra protein(Met1-Val197), His-tagged

Cat. No. Pilra-3358M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PILRA (NP_705730.1) extracellular domain (Met 1-Val 197) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Val197
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse PILRA at 20 μg/ml (100 μl/well) can bind mouse CD99. The EC50 of mouse CD99 is 1.55 μg/ml.
Molecular Mass	The recombinant mouse PILRA consists of 177 amino acids and has a predicted molecular mass of 20.2 kDa. As a result of glycosylation, the apparent molecular mass of rm PILRA is approximately 35-45 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Pilra paired immunoglobin-like type 2 receptor alpha [Mus musculus]
Official Symbol	Pilra
Synonyms	PILRA; paired immunoglobin-like type 2 receptor alpha; paired immunoglobulin-like type 2 receptor alpha; cell surface receptor FDF03; inhibitory receptor PILR-alpha; FDF03; AV021745;
Gene ID	231805
mRNA Refseq	NM_153510
Protein Refseq	NP_705730

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