

Active Recombinant Mouse Pigr Protein, His-tagged

Cat. No. Pigr-1018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pigr (Accession # O70570) Lys19-Lys645, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Lys19-Lys645
Predicted N Terminal	Lys19
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse plgR is coated at 2 μg/mL (100 μL/well), the concentration of mouse IgM that produces 50% of the optimal binding response is typically 20-100 ng/mL.
Molecular Mass	Recombinant Mouse Pigr, His-tagged has a calculated MW of 70.1 kDa. In SDS-PAGE migrates as 93-97 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	Pigr polymeric immunoglobulin receptor [Mus musculus]
Official Symbol	Pigr
Synonyms	PIGR; polymeric immunoglobulin receptor; poly-Ig receptor; phosphatidylinositol glycan, class R;
Gene ID	18703
mRNA Refseq	NM_011082
Protein Refseq	NP_035212
MIM	

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