

Active Recombinant Human PIGR, His-tagged

Cat. No. PIGR-495H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIGR (Accession # CAA51532) Lys19-Arg638, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	19-638 a.a.
Predicted N Terminal	Lys19
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human plgR is immobilized at 2 µg/mL (100 µL/well), the concentration of human IgM that produces 50% of the optimal binding response is found to be approximately 20 - 100 ng/mL.
Molecular Mass	Recombinant Human PIGR, His-tagged has a calculated MW of 68.7 kDa. In SDS-PAGE migrates as 90-95 kDa, reducing conditions.
Purity	>97%, 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).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	PIGR polymeric immunoglobulin receptor [Homo sapiens]
Official Symbol	PIGR
Synonyms	PIGR; polymeric immunoglobulin receptor; poly-Ig receptor; hepatocellular carcinoma associated protein TB6; hepatocellular carcinoma-associated protein TB6; FLJ22667; MGC125361; MGC125362;
Gene ID	5284
mRNA Refseq	NM_002644
Protein Refseq	NP_002635
MIM	173880
UniProt ID	P01833
Chromosome Location	1q31-q41

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