

Recombinant Human PIGR Protein, C-8His tagged, Biotinylated

Cat. No. PIGR-36H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Polymeric Immunoglobulin Receptor is produced by Human 293 Cells. The target gene encoding K19-R638 is expressed with a 8His tag at the C terminus.
Species	Human
Source	HEK293
ProteinLength	K19-R638
Description	Polymeric Immunoglobulin Receptor (pIgR) is a type I transmembrane glycoprotein. pIgR is expressed by secretory epithelial cells with five Ig-like domains in the extracellular region, and transfer to the basolateral plasma membrane where it can bind larger polymers of IgA (pIgA) and pentameric IgM. The complex is then transported across the cell to be secreted at the apical surface. During this process, a cleavage occurs and separates the extracellular (known as the secretory component) from the transmembrane segment.
Endotoxin	Less than 0.1 EU/μg
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4
Shipping	Ambient

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Conjugation	Biotin
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GENE INFORMATION

Gene Name	PIGR polymeric immunoglobulin receptor [Homo sapiens (human)]
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Official Symbol	PIGR
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Synonyms	Polymeric Immunoglobulin Receptor; PIgR; Poly-Ig Receptor; Hepatocellular Carcinoma- Associated Protein TB6; PIGR
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Gene ID	5284
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mRNA Refseq	NM_002644
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Protein Refseq	NP_002635
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MIM	173880
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UniProt ID	P01833
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