

Product datasheet for **TP727154**

PIGR Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Polymeric Immunoglobulin Receptor/PIgR (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys19-Arg638
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Human Polymeric immunoglobulin receptor is produced by our Mammalian expression system and the target gene encoding Lys19-Arg638 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	5284
UniProt ID:	P01833
Synonyms:	Polymeric Immunoglobulin Receptor; PIgR; Poly-Ig Receptor; Hepatocellular Carcinoma-Associated Protein TB6; PIGR
Summary:	PIGR binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment.
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane



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