

Product datasheet for **TP724645**

PIGR Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Recombinant Human Polymeric Immunoglobulin Receptor/PIgR (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	K19-R638
Tag:	C-8His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	5284
UniProt ID:	P01833
Summary:	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.



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