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Datasheet for ABIN7318919 PIGR Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	PIGR
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIGR protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human PIGR Protein (Fc Tag)
Sequence:	Lys19-Arg638
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PIGR
Alternative Name:	PIGR (PIGR Products)
Background:	Background: 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

Target Details

process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment.

Synonym: Polymeric Immunoglobulin Receptor, PlgR, Poly-Ig Receptor, Hepatocellular Carcinoma-Associated Protein TB6, PIGR

Molecular Weight: 95.0 kDa

UniProt: [P01833](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.