

Recombinant Human PIGR protein, His-tagged

Cat. No. PIGR-1470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIGR aa. (Pro462~Ala561 (Accession # P01833)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro462~Ala561
Description	This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A nephropathy and several SNPs in this gene.
Form	Freeze-dried powder
Molecular Mass	13 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%,
Characteristic	The isoelectric point is 6.7.

 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

Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	PIGR polymeric immunoglobulin receptor [Homo sapiens (human)]
Official Symbol	PIGR
Synonyms	hepatocellular carcinoma associated protein TB6; poly-Ig receptor; polymeric immunoglobulin receptor
Gene ID	5284
mRNA Refseq	NM_002644.3
Protein Refseq	NP_002635.2
UniProt ID	P01833

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