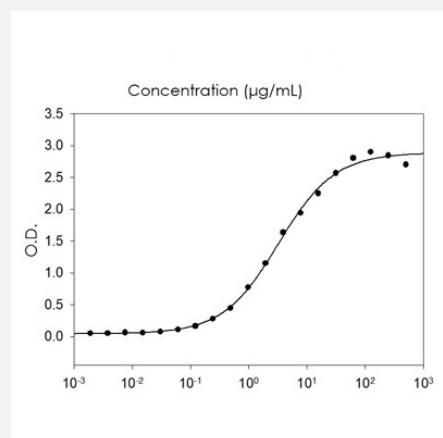
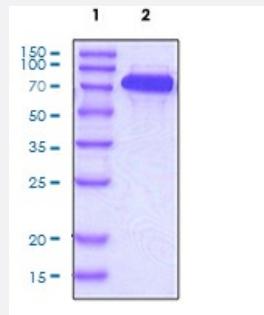


## Bioactive

# PIGR (Human) Recombinant Protein

Catalog # P8088      Size 100 ug

## Applications



## Result of bioactivity analysis

### Result of bioactivity analysis

## Specification

### Product Description

Human PIGR (P01833, 19 a.a. - 638 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.

**Sequence**

KSPIFGPEEVNSVEGNSVSITCYPPPTSVNRHTRKYWCRQGARGGCITLISSEGYVSSKYAGRANLTNPFPENGTFVVNIAQLSQDDSGRYKCGLGINSRGLSFDVSLEVSQGPGLNDTKVYTDLGRTVTINCPFKTENAQRKSLYKQIGLYPVLVIDSSGYVPNPTYGRIRLDIQQGTGQLLFSVVINQLRLSDAGQYLCQAGDDDSNSNKKNADLQVLKPEPELVYEDLRGSVTFHCALGPEVANVAKFLCRQSSGENCDVVVNTLGKRAPAFEGRILLNPQDKDGSFSVVITGLRKEDAGRILCGAHSDGQLQEGSPIQAWQLFVNEESTIPRSPTVVKGVAGGSVAVLCPYNRKEKSISIKYWCLWEQAQNRCPLLVDSEGWVKAQYEGRLSLLEPGNGTFTVILNQLTSRDAGFYWCLTNGDTLWRTTVEIKIIEGEPNLKVPGNVTAVLGETLKVPCHFPCKFSSYEKYWCKWNNTGCQALPSQDEGPSKAFVNCDENSLVSLTLNVTRADEGWYWCGVKQGHFYGETAAVYVAVEERKAAGSRDVSLAKADAAPDEKVLDSGFREIENKAIQDPRLFAEEKAVADTRDQADGSRASVDSGSEEQGGSSR

<b>Host</b>	Viruses
<b>Theoretical MW (kDa)</b>	68.90000000000001
<b>Form</b>	Liquid
<b>Preparation Method</b>	Baculovirus expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 1 EU per 1 ug of protein (determined by LAL method)
<b>Activity</b>	ED <sub>50</sub> is < 2 ng/mL, measured by the binding ability in a functional ELISA with Human IgM.
<b>Quality Control Testing</b>	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
<b>Storage Buffer</b>	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
<b>Storage Instruction</b>	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Result of bioactivity analysis Result of bioactivity analysis

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — PIGR

Entrez GeneID

[5284](#)

Protein Accession#	<a href="#">P01833</a>
Gene Name	PIGR
Gene Alias	FLJ22667, MGC125361, MGC125362
Gene Description	polymeric immunoglobulin receptor
Omim ID	<a href="#">161950 173880</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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.
Other Designations	OTTHUMP00000034748 hepatocellular carcinoma associated protein TB6

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Nasopharyngeal Neoplasms](#)