

## Product datasheet for **TP312006**

### PIGR (NM\_002644) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polymeric immunoglobulin receptor (PIGR), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212006 representing NM_002644
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLLFVLTCLLAVFPAISTKSPIFGPEEVNSVEGNSVSITCYPPPTSVNRHTRKYWCRQGARGGCITLISS  
EGYVSSKYAGRANLTNFPENGTFFVNIAQLSQDDSGRYKCGLGINSRGLSFDVSLEVSQGPGLLNDTKVY  
TVDLGRVTINCPFKTENAQRKRSLYKQIGLYPVLVIDSSGYVNPNYTGRIRLDIQGTGQLLFSVWINQL  
RLSDAGQYLCQAGDSSNSNKKNADLQVLKPEPELVYEDLRGSVTFHCALGPEVANVAKFLCRQSSGENCD  
VVNTLGKRAPAFEGRILLNPQDKDGSFSVITGLRKEDAGRYLCGAHSDGQLQEGSPIQAWQLFVNEES  
TIPRSPTVVKGVAGGSVAVLCYPYNRKESKSIKWCLWEGAQNGRCPLLVDSEGWVKAQYEGRLSLLLEPG  
NGTFTVILNQLTSRDAGFYWCLTNGDTLWRTTVEIKIEGEPNLKVPGNVAVLGETLKVPCHFPCKFSS  
YEKYWCKWNNTGCQALPSQDEGPSKAFVNCDENRSLVSLTLNLVTRADEGWYWCGVKQGHFYGETAAVYV  
AVEERKAAGSRDVS LAKADAAPDEKVLDSGFREIENKAIQDPRLF AEEKAVADTRDQADGSRASVDSGSS  
EEQGSSRALVSTLVPLGLVLAVGAVAVGVARARHRKNVDRVSIRSIRYRTDISMSDFENSREFGANDNMGA  
SSITQETSLGGKEEFVATTESTTETKEPKKAKRSSKEEAEMAYKDFLLQSSTVAAEAQDGPQEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

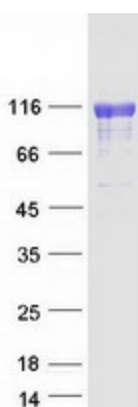
Tag:	C-Myc/DDK
Predicted MW:	81.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



[View online »](#)

<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002635</a>
<b>Locus ID:</b>	5284
<b>UniProt ID:</b>	<a href="#">P01833</a>
<b>RefSeq Size:</b>	4266
<b>Cytogenetics:</b>	1q32.1
<b>RefSeq ORF:</b>	2292
<b>Summary:</b>	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.[provided by RefSeq, Sep 2009]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transmembrane

### Product images:



Coomassie blue staining of purified PIGR protein (Cat# TP312006). The protein was produced from HEK293T cells transfected with PIGR cDNA clone (Cat# [RC212006]) using MegaTran 2.0 (Cat# [TT210002]).