

Recombinant Human Polymeric immunoglobulin receptor/PIGR protein (Fc Chimera) ab196106

Description	
Product name	Recombinant Human Polymeric immunoglobulin receptor/PIGR protein (Fc Chimera)
Purity	> 95 % SDS-PAGE. Purity of ab196106 is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>P01833</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	KSPIFGPEEVNSVEGNSVSITCYPPPTSVNRHTRKYWCRQ GARGGCITLI SSEGYVSSKYAGRANLTNFPENGTFVVNIAQLSQDDSGRY KCGLGINSRG LSFDVSLEVSQGPGLLNDTKVYTVDLGRTVTINCPFKTEN AQKRKSLYKQ IGLYPVLVIDSSGYVNPNYTGRIRLDIQGTGQLLFSVVINQLR LSDAGQY LCQAGDDSNSNKKNADLQVLKPEPELVYEDLRGSVTFHC ALGPEVANVAK FLCRQSSGENCDVVVNTLGKRAPAFEGRILLNPQDKDGS FSVVITGLRKE DAGRYLCGAHSDGQLQEGSPIQAWQLFVNEESTIPRSPT VVKGVAGGSVA VLCPYNRKESKSIKYWCLWEGAQNGRCPLLVDSEGWVK AQYEGRLSLLEE PGNGTFTVILNQLTSRDAGFYWCLTNGDTLWRTTVEIKIIEG EPNLKVP NVTAVLGETLKVPCHFPCKFSSYEKYWCKWNNTGCQAL PSQDEGPSKAFV NCDENSRLVSLTLNLVTRADEGWYWCGVKQGHFYGETA AVYVAVEERKAA GSRDVS LAKADAAPDEKVLD SGFREIENKAIQDPRLFAEE

KAVADTRDQA
 DGSRASVDSGSSEEQGGSSRVDDIEGRMDEPKSCDKTH
 TCPPCPAPELLG
 GPSVFLFPPKPKDTLMISRTPEVTCVWVDVSHEDPEVKF
 NWYVDGVEVHN
 AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSN
 KALPAPIEKTI
 SKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPS
 DIAVEWESNGQ
 PENNYKTTTPVLDSGFFLYSKLTVDKSRWQQGNVFC
 SVMHEALHNHYTQKSLSLSPGK

Predicted molecular weight	95 kDa including tags
Amino acids	19 to 638
Tags	Fc tag C-Terminus
Additional sequence information	Fused with a FC tag at the C terminus.

Specifications

Our **Abpromise guarantee** covers the use of **ab196106** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Lyophilized
Additional notes	Previously labelled as PIGR.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.24% Tris buffer, 0.87% Sodium chloride Lyophilized from a 0.2 µm filtered solution
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General Info

Function	This receptor 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 process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment.
Sequence similarities	Contains 5 Ig-like V-type (immunoglobulin-like) domains.
Post-translational modifications	N-glycosylation is not necessary for Ig binding.
Cellular localization	Secreted and Cell membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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