

32-8392: Recombinant Human Polymeric Immunoglobulin Receptor/PIgR (C-Fc)

Gene : PIGR
Gene ID : 5284
Uniprot ID : P01833

Description

Source: Human Cells.
MW :95kD.

Recombinant Human Poly-Ig 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. 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 process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH 8.0.
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : KSPIFGPEEVNSVEGNSVSITCYPPPTSVNRHTRKYWCRQGARGGCITLISSEGYVSSKYAGRANLTNFPENGTFVFNIAQLSQDDSGRYKCGLGINSRGLSFDVSLEVSQGPGLLNDTKVYTVDLGRTVTINCPFKTENAQKRKSLYKQIGLYPVLVIDSSGYVNPNTGRIQLDIQGTGQLLFSVINQLRLSDAGQYLCQAGDDSNKKNADLQVLKPEPELVYEDLRGVSFTFCALGPEVANVAKFLCRQSSGENCDVVNTLGKRAPAFEGRILLNPQDKDGSFSVITGLRKEDAGRYLCGAHSDGQLQEGSPIQAWQLFVNEESTIPRSPTVVKGAVAGGSVAVLCPYNRKESKSIKYWCLWEGAQNGRCPDLLVDSEGWVKAQYEGRLSLLPEPGNGTFTVILNQLTSRDAGFYWCLTNGDTLWRTTVEIKIIEGEPNLKVPGNVTAVLGETLKVPCFPCKFSSYEKYWCKWNNTGCQALPSQDEGPKAFVNCDENSRLVSLTLNLVTRADEGWYWCGVKQGHFYGETAAVYVAVEERKAAGSRDVS LAKADAAPDEKVLDSGFREIENKAIQDPRLFAEEKAVADTRDQADGSRASVDSGSSEEQGGSSRVDDIEGRMDPEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKLSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.