

Recombinant Human PIGR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PIGR-1934H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PIGR MS Standard C13 and N15-labeled recombinant protein (NP_002635) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	83.28 kDa
AA Sequence	<p>MLLFVLTCLLAVFPAISTKSPIFGPEEVNSVEGNSVSITCYYPPTSVNRHTRKYWCRQ GARGGCITLISSEGYVSSKYAGRANLTNFPENGTFFVNVIAQLSQDDSGRYKCGLGIN SRGLSFDVSLEVSQGPGLLNDTKVYTVDLGRTVTINCPFKTENAQKRKSLYKQIGLY PVLVIDSSGYVNPNYTGRIRLDIQGTGQLLFSVINQLRLSDAGQYLCQAGDDSN KKNADLQVLKPEPELVYEDLRGSVTFHCALGPEVANVAKFLCRQSSGENCDVVVNT LGKRAPAFEGRILLNPQDKDGSFSVVITGLRKEDAGRYLCGAHSDGQLQEGSPIQA WQLFVNEESTIPRSPTVVKGVAGGSVAVLCYPYNRKESKSIKYWCLWEGAQNGRCP LLVDSEGWVKAQYEGRLSLLLEPGNGTFTVILNQLTSRDAGFYWCLTNGDTLWRTT</p>

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VEIKIIEGEPNLKVPGNVTAVLGETLKVPCHPCKFSSYEKYWCKWNNTGCQALPSQ
DEGPSKAFVNCDENSRLVSLTLNLVTRADEGWYWCGVKQGHFYGETAAVYVAVEE
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SSKEEAEMAYKDFLLQSSTVAAEAQDGPQEATRTRPLEQKLISEEDLAANDILDYKD
DDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PIGR polymeric immunoglobulin receptor [Homo sapiens (human)]

Official Symbol PIGR

Synonyms PIGR; polymeric immunoglobulin receptor; poly-Ig receptor; hepatocellular carcinoma associated protein TB6; hepatocellular carcinoma-associated protein TB6; FLJ22667; MGC125361; MGC125362;

Gene ID 5284

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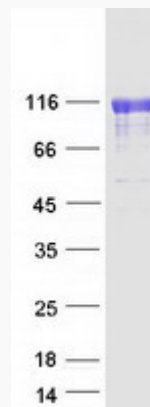
mRNA Refseq [NM_002644](#)

Protein Refseq [NP_002635](#)

MIM [173880](#)

UniProt ID [P01833](#)

SDS-PAGE



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