

## Recombinant Bovine PIGR Protein (400-599 aa), His-tagged

**Cat. No.** PIGR-1483B    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Bovine PIGR Protein (400-599 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
<b>Species</b>	Bovine
<b>Source</b>	Yeast
<b>ProteinLength</b>	400-599 aa
<b>Description</b>	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 domain (known as the secretory component) from the transmembrane segment.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	24.0 kDa
<b>AA Sequence</b>	SRGLIKEQYEGRLALLTEPGNGTYTVILNQLTDQDTGFYWCVTGDTRWISTVELKV VQGEPSLKVPKNVTAWLGEPLKLSCHFPCFKYFSEKYWCKWSNRGCSALPTQNDG PSQAFVSCDQNSQVVSLNLDVTKEDEGWYWCGVKEGPRYGETAAVYVAVESRV KGSQGAQVKAAPAGAAIQSRAGEIQNKALLDPS
<b>Purity</b>	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269    1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.

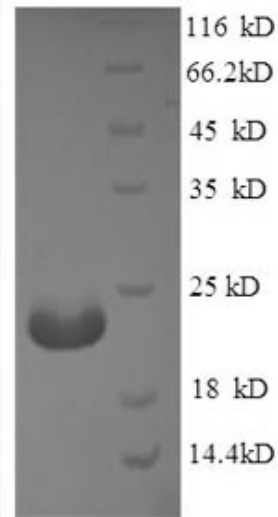
## GENE INFORMATION

<b>Gene Name</b>	PIGR polymeric immunoglobulin receptor [ Bos taurus (cattle) ]
<b>Official Symbol</b>	PIGR
<b>Synonyms</b>	PIGR;
<b>Gene ID</b>	281401
<b>mRNA Refseq</b>	NM_174143
<b>Protein Refseq</b>	NP_776568
<b>UniProt ID</b>	P81265

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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