

# Recombinant Bovine Polymeric immunoglobulin receptor(PIGR),partial

Catalog No: #AP70634

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Package Size: #AP70634-1 20ug #AP70634-2 100ug #AP70634-3 1mg

## Description

Product Name	Recombinant Bovine Polymeric immunoglobulin receptor(PIGR),partial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:400-599aaSequence Info:Partial
Accession No.	P81265
Uniprot	P81265
GeneID	281401;
Calculated MW	26.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ESRGLIKEQYEGRLALLTEPGNGTYTVILNQLTDQDTGFYWCVTGDGTRWISTVELKVVQGEPSLKVPKNVTA WLGEPLKLSCHFPCKFYSFEKYWCKWSNRGCSALPTQNDGPSQAFVSCDQNSQVVSLNLDTVTKEDEGWY WCGVKEGPRYGETAAVYVAVESRVKGSQGAKQVKAAPAGAAIQSRAGEIQNKALLDPS
Formulation	Tris-based buffer50% glycerol
Storage	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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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.

## References

Cloning and characterization of two forms of bovine polymeric immunoglobulin receptor cDNA.Kulseth M.A., Krajci P., Myklebost O., Rogne S.DNA Cell Biol. 14:251-256(1995)  
Research Topic:Others

Note: This product is for in vitro research use only