

Recombinant Cattle PIGR protein, His-tagged

Cat. No. PIGR-1469C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle PIGR aa. (Pro461~Ala560) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Pro461~Ala560
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200µg/mL

Storage buffer

PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Reconstitution

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

PIGR polymeric immunoglobulin receptor [Bos taurus (cattle)]

Official Symbol

PIGR

Synonyms

poly-Ig receptor; polymeric immunoglobulin receptor

Gene ID

281401

mRNA Refseq

NM_174143.1

Protein Refseq

NP_776568.1

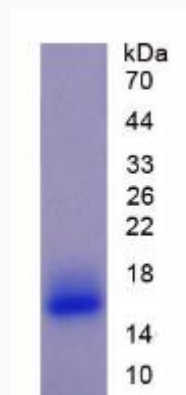
UniProt ID

P81265

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SDS-PAGE

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