

Recombinant Rat Pigr protein, His-tagged

Cat. No. Pigr-1475R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pigr aa. (Lys230~Leu331 (Accession # P15083)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys230~Leu331
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP.
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 than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Pigr polymeric immunoglobulin receptor [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Pigr
Synonyms	pIgA-R; RNPIGR2; poly-Ig receptor; polymeric IgA receptor; polymeric immunoglobulin receptor
Gene ID	25046
mRNA Refseq	NM_012723.4
Protein Refseq	NP_036855.3
UniProt ID	P15083

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