

Recombinant Rat Prg2 protein, His & GST-tagged

Cat. No. Prg2-1747R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prg2 aa. (Gly80~Lys219 (Accession # Q63189)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly80~Lys219
Description	Human homolog is the primary component of the eosinophil granule crystalline core; may play a role in allergic response and asthma.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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

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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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less 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.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Prg2 proteoglycan 2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Prg2

Synonyms

Prg2; proteoglycan 2; bone marrow proteoglycan; BMPG; eosinophil major basic protein; proteoglycan 2, bone marrow

Gene ID

58826

mRNA Refseq

NM_031619.2

Protein Refseq

NP_113807.2

UniProt ID

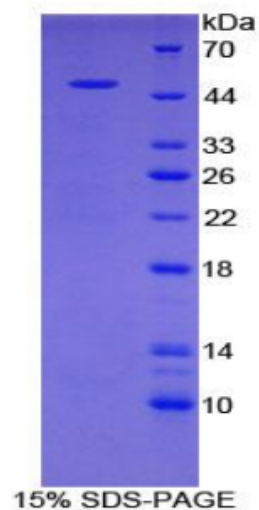
Q63189

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SDS-PAGE



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