

Recombinant Rat Gal protein, His & GST-tagged

Cat. No. Gal-1484R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gal aa. (Met26~Leu121 (Accession # P10683)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met26~Leu121
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.9kDa.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	Gal galanin and GMAP prepropeptide [<i>Rattus norvegicus</i> (Norway rat)]
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Official Symbol	Gal
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Synonyms	Galn; galanin peptides; galanin prepropeptide; galanin/GMAP prepropeptide
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Gene ID	29141
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mRNA Refseq	NM_033237.1
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Protein Refseq	NP_150240.1
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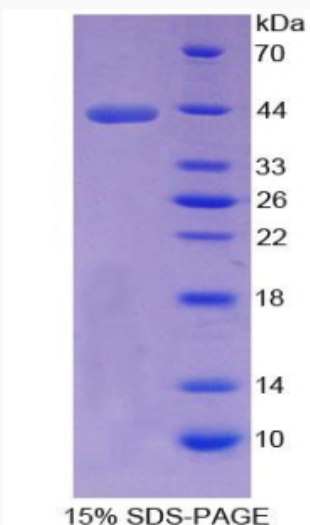
UniProt ID	P10683
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SDS-PAGE



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