

Recombinant Rat Gast Protein, His-tagged

Cat. No. Gast-1566R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gast Protein (Met1-Asn104) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1-Asn104
Description	Enables hormone activity. Involved in G protein-coupled receptor signaling pathway. Predicted to be active in extracellular space. Orthologous to human GAST (gastrin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.5 kDa Accurate Molecular Mass: 16 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Gast gastrin [Rattus norvegicus (Norway rat)]
Official Symbol	Gast
Synonyms	Gast; gastrin; Gas; PPG34; gastrin
Gene ID	25320
mRNA Refseq	NM_012849
Protein Refseq	NP_036981
UniProt ID	P04563

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