

Recombinant Mouse Nrg1 protein, His & GST-tagged

Cat. No. Nrg1-1755M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nrg1 aa. (Ser54~His163) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser54~His163
Form	Freeze-dried powder
Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>97%
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°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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Concentration 200µg/mL

Storage buffer 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

Isoelectric Point 7.6

GENE INFORMATION

Gene Name Nrg1 neuregulin 1 [Mus musculus (house mouse)]

Official Symbol Nrg1

Synonyms Nrg1; neuregulin 1; GGF; HRG; Hgl; NDF; ARIA; SMDF; GGFII; HRGalpha; 6030402G23Rik; D230005F13Rik; pro-neuregulin-1, membrane-bound isoform; heregulin; type I neuregulin 1; type III neuregulin 1

Gene ID 211323

mRNA Refseq NM_178591.2

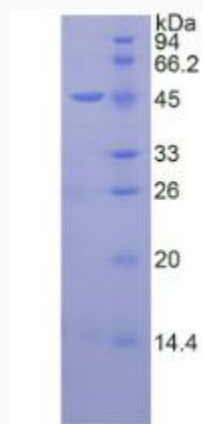
Protein Refseq NP_848706.2

UniProt ID Q6DR99

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SDS-PAGE

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