Recombinant Mouse neuregulin 4 Protein, His tagged

Cat. No. Nrg4-02M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nrg4 Protein with C-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-62 aa
Description	Enables receptor ligand activity. Involved in ERBB4-ERBB4 signaling pathway. Is active in extracellular space. Is expressed in several structures, including embryo mesenchyme; integumental system; pancreas; surface ectoderm; and uterus. Orthologous to human NRG4 (neuregulin 4).
Tag	C-His
Molecular Mass	8 kDa
AA Sequence	MPTDHEQPCGPRHRSFCLNGGICYVIPTIPSPFCRCIENYTGARCEEVFLPSSSIPSE SNLSHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 95% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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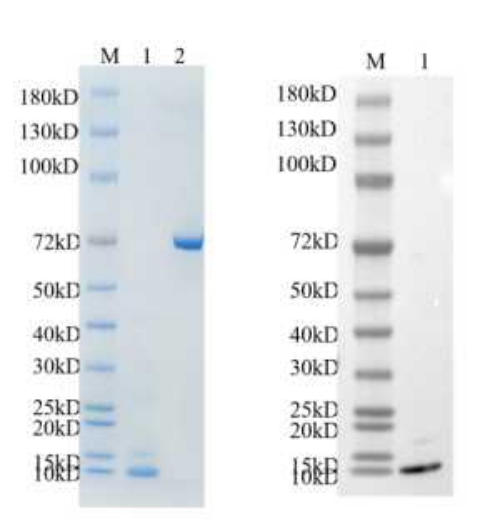
	protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from Sterile PBS, pH7.4, 0.1% SKL, 5% Trehalose, 5% Mannitol
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.1 mg/mL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Nrg4 neuregulin 4 [Mus musculus (house mouse)]
Official Symbol	Nrg4
Synonyms	NRG4; neuregulin 4; pro-neuregulin-4, membrane-bound isoform; pro-NRG4; AI552600
Gene ID	83961
mRNA Refseq	NM_032002
Protein Refseq	NP_114391
UniProt ID	Q9WTX4

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Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified Nrg4.



1. Nrg4: 1 μg
2. BSA: 1 μg

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