

Recombinant Mouse neuregulin 4 Protein, His tagged

Cat. No. Nrg4-12M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse neuregulin 4 Protein (1-62 aa) 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	MPTDHEQPCGPRHRSFCLNGGICYIPTIPSPFCRCIENYTGARCEEVFLPSSSIPSE SNLSHHHHHHHHH
Endotoxin	< 1 EU/μg by LAL
Purity	> 95% by SDS-PAGE

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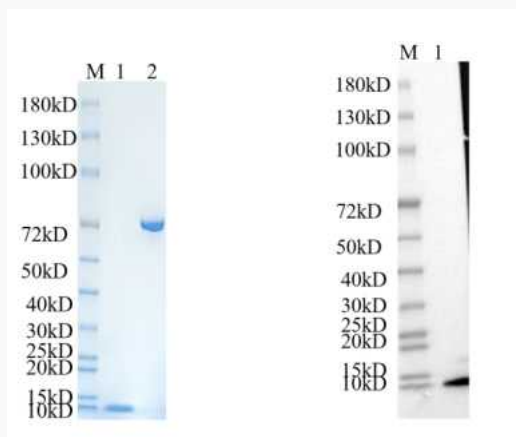
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 200mM Arginine
Concentration	0.12 mg/mL by BCA
GENE INFORMATION	
Gene Name	Nrg4 neuregulin 4 [Mus 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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