

Recombinant Human NRG4 protein(Pro2-Phe62)

Cat. No. NRG4-452H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRG4 (Q8WWG1)(Pro 2-Phe 62) was expressed and purified in E. coli, with additional two amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-62 a.a.
Form	Lyophilized from sterile 50mM Tris, 50mM NaCl, pH 7.2 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human NRG4 consists of 63 amino acids and has a calculated molecular mass of 6.7 KDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	NRG4 neuregulin 4 [Homo sapiens]
Official Symbol	NRG4
Synonyms	NRG4; neuregulin 4; pro-neuregulin-4, membrane-bound isoform; HRG4; pro-NRG4; heregulin 4; DKFZp779N0541; DKFZp779N1944;
Gene ID	145957
mRNA Refseq	NM_138573
Protein Refseq	NP_612640
MIM	610894
UniProt ID	Q8WWG1

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