

Neuregulin 2 (NRG2) Recombinant Protein | NRG2 recombinant protein

Recombinant Neuregulin 2 (NRG2)

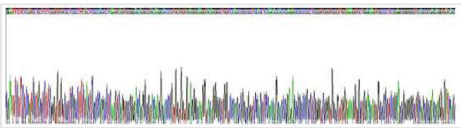
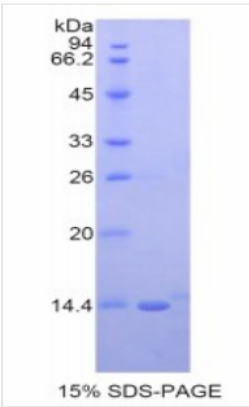
CATALOG # AAA20198	HOST E.coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Neuregulin 2 (NRG2); Recombinant Neuregulin 2 (NRG2); NRG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Applicable Applications for NRG2 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Source	Prokaryotic expression
Residues	Phe101~Phe211
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree 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.



Gene Sequencing (Extract)

SDS-PAGE

FSMLLFGVSL ACYSPSLKSV QDQAYKAPVV VEGKVQGLVP AGGSSSNSTR
EPPASGRVAL VKVLDKWLPLR SGLQREQVI SVGSCVPLER NQRYIFFLEP
TEQPLVFKTA F

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	296531452
NCBI GeneID	9542
NCBI Accession #	NP_001171864.1
NCBI GenBank Nucleotide #	NM_001184935.1
UniProt Accession #	O14511
Molecular Weight	Predicted Molecular Mass: 13.3kDa Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	pro-neuregulin-2, membrane-bound isoform isoform 7
NCBI Official Synonym Full Names	neuregulin 2
NCBI Official Symbol	NRG2
NCBI Official Synonym Symbols	DON1; HRG2; NTAK
NCBI Protein Information	pro-neuregulin-2, membrane-bound isoform; pro-NRG2; divergent of neuregulin-1; neural- and thymus-derived activator for ErbB kinases
UniProt Protein Name	Pro-neuregulin-2, membrane-bound isoform
UniProt Gene Name	NRG2
UniProt Synonym Gene Names	NTAK; Pro-NRG2; NRG-2; DON-1; NTAK
UniProt Entry Name	NRG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.