

# Recombinant Full Length Rat Pro-Neuregulin-2, Membrane-Bound Isoform(Nrg2) Protein, His-Tagged

Cat. No. RFL8259RF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Rat Pro-neuregulin-2, membrane-bound isoform(Nrg2) Protein (O35569) (128-868aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Rat

### Source

E.coli

### ProteinLength

Full Length of Mature Protein (128-868)

### Form

Lyophilized powder

### AA Sequence

CYSPSLKSVQDQAYKAPVVVEGKVQGLAPAGGSSSNSTREPPASGRVALVKVLDK  
 WPLRSGGLQREQVISVGSCAPLERNQRYIFFLEPTEQPLVFKTAFAPVDPNGKNIKK  
 EVGKILCTDCATRPKLKKMKSQTGEVGEKQSLKCEAAAGNPQPSYRWFKDGKELN  
 RSRDIRIKYGNRKNRSLQFNKVKVEDAGEYVCEAENILGKDTVGRHLVNSVSTTL  
 SSWGSHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPNGFFGQRCLEKLPLRLYM  
 PDPKQKHLGFELKEAEELYQKRVLTITGICVALLVVGIVCVVAYCKTKKQRRQMHHH  
 LRQNMCPAHQNRSLANGPSPHRLDPEEIQMADYISKNPATDHVIRREAETTFSGS  
 HSCSPSHHCSTATPTSSHRHESHTWSLERSESLTSDSQSGIMLSSVGTSKCNSPAC  
 VEARRARAAAYSQEERRRAAMPYHDSIDSLRDSPHSERYVSALTTPARLSPVDFH  
 YSLATQVPTFEITSPNSAHAVSLPPAAPISYRLAEQQPLLRHPAPPGPGPGGADMQ  
 RSYDSYYPAAAGPGRRGACALGGSLGSLPASPFRIPEDEYETTQECAPPPPPRP  
 RTRGASRRTSAGPRRWRRSRLNGLAAQRARAARDSLSLSSGSGCGSASASDDDA

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DDADGALAAESTPFLGLRAAHDALRSDSPPLCPAADSRTYYSLDSHSTRASSRHSR  
GPPTRAKQDSGPL

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** Nrg2

**Synonyms** Nrg2; Ntak; Pro-neuregulin-2, membrane-bound isoform; Pro-NRG2

**UniProt ID** [O35569](https://www.uniprot.org/entry/O35569)

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