

Recombinant Canine NRG1 Protein, His-tagged

Cat. No. NRG1-1049C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine NRG1 (Ser176-Lys240) was expressed with a polyhistidine tag at the N-terminus.
Species	Canine
Source	HEK293
ProteinLength	176-240 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine NRG1 consists 84 amino acids and predicts a molecular mass of 9.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [NRG1 neuregulin 1 \[Canis lupus familiaris \]](#)

Official Symbol [NRG1](#)

Synonyms pro-neuregulin-1, membrane-bound isoform

Gene ID [482861](#)

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 16

Pathway ARMS-mediated activation, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Downstream signal transduction, organism-specific biosystem

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