

Active Recombinant Canine NRG1 protein(Ser19-Lys240), His-tagged

Cat. No. NRG1-154C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine NRG1 protein(XP_858147.1)(Ser19-Lys240), fused with C-terminal His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Ser19-Lys240
similar	NRG1
Alias	NRG1
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant canine NRG1 comprises 233 amino acids and has a predicted molecular mass of 25.5 kDa. The apparent molecular mass of the protein is approximately 39-46 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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.
GeneName	
GeneNameWeblink	
OfficialSymbol	NRG1
OfficialSymbolWeblink	
GenelD	
GenelDWeblink	
mRNARefseq	
mRNARefseqWeblink	
ProteinRefseqWeblink	
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

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Synonyms	
MIM	

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