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Datasheet for ABIN4370977

Neuregulin 1 Protein (NRG1) (AA 177-241)



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Molecular Weight:

7.5 kDa

Quantity:	50 µg
Target:	Neuregulin 1 (NRG1)
Protein Characteristics:	AA 177-241
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Product Details	
Purpose:	Recombinant Human Pro-Neuregulin-1/NRG1-β1/HRG1-β1 (Ser177-Glu241)
Sequence:	SHLVKCAEKE KTFCVNGGEC FMVKDLSNPS RYLCKCPNEF TGDRCQNYVM ASFYKHLGIE FMEAE
Characteristics:	Recombinant Human Pro-Neuregulin-1/NRG1-β1/HRG1-β1 (Ser177-Glu241)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 μm filtered
Endotoxin Level:	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test
Target Details	
Target:	Neuregulin 1 (NRG1)
Alternative Name:	Pro-Neuregulin-1 (NRG1 Products)

Target Details

Pathways:

RTK Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Regulation of Muscle Cell Differentiation

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 μg/mL.
	Dissolve the lyophilized protein in ddH20.
	Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
	Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
	Aliquots of reconstituted samples are stable at < -20°C for 3 months.