

Recombinant Human Pro-neuregulin-1/NRG1 (Beta1) Protein

RPCB1618



Product Information

Product SKU:	RPCB1618	Gene ID:	3084	Size:	10µg
Tag:	No-Tag	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	Q02297-6 (Beta1)
Purity:	> 92% by SDS-PAGE.		

Protein Information

Background: neuregulin-1 (heregulin-1, NRG1) is a member of neuregulin family, which is comprised of four genes that encode a large number of secreted or membrane-bound isoforms. All family members share an EGF-like domain that interacts with the ErbB family of tyrosine kinase receptors. NRG1 isoforms can be classified into type I, type II and type III isoforms. NRG1 directs ligand for ERBB3 and ERBB4 tyrosine kinase receptors, concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. NRG proteins show distinct spatial and temporal expression patterns and play important roles during development of both the nervous system and the heart.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human Pro-neuregulin-1/NRG1 (Beta1) Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

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