

Datasheet for ABIN1474344

Neuregulin 1 Protein (NRG1) (AA 14-265) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Neuregulin 1 (NRG1)
Protein Characteristics:	AA 14-265
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neuregulin 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	KKKDRGS RGKPGPAEGD PSPALPPRLK EMKSQESAAG SKLVLCETS SEYSSLRFKW FKNGNELNRK NKPENIKIQK KPGKSELRLIN KASLADSGEY MCKVSKLGN DSASANITIV ESNEFITGMP ASTETAYVSS ESPIRISVST EGANTSSSTS TSTTGTSHLI KCAEKEKTFC VNGGECFTVK DLSNPSRYLC KCPNEFTGDR CQNYVMASFY MTSRRKRQET EKPLERKLDH SLVKESKAAE LYQKR
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Neuregulin 1 (NRG1)
Alternative Name:	Pro-neuregulin-1, membrane-bound isoform (Nrg1) (NRG1 Products)
Background:	Recommended name: Pro-neuregulin-1, membrane-bound isoform. Short name= Pro-NRG1 Cleaved into the following chain: 1. Neuregulin-1. Alternative name(s): Acetylcholine receptor-inducing activity. Short name= ARIA Glial growth factor Heregulin. Short name= HRG Neu differentiation factor Sensory and motor neuron-derived factor
UniProt:	P43322
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Muscle Cell Differentiation

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.