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Datasheet for ABIN1475561

Neuregulin 2 Protein (NRG2) (AA 128-429) (His tag)

Overview

Quantity:	1 mg
Target:	Neuregulin 2 (NRG2)
Protein Characteristics:	AA 128-429
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neuregulin 2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	CYS PSLKSVQDQA YKAPVVVEGK VQGLAPAGGS SSNSTREPPA SGRVALVKVL DKWPLRSGGL QREQVISVGS CAPLERNQRY IFFLEPTEQP LVFKTAFAPV DPNGKNIKKE VGKILCTDCA TRPKLKKMKS QTGEVGEKQS LKCEAAAGNP QPSYRWFKDG KELNRSRDIR IKYGNGRKNS RLQFNKVKVE DAGEYVCEAE NILGKDTV RG RLHVNSVSTT LSSWSGHARK CNETAKSYCV NGGVCYYIEG INQLSCKCPN GFFGQRCLEK LPLRLYPDP KQKHLGFELK EAEELYQKR
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 2 (NRG2)
Alternative Name:	Pro-neuregulin-2, membrane-bound isoform (Nrg2) (NRG2 Products)
Background:	<p>Recommended name: Pro-neuregulin-2, membrane-bound isoform.</p> <p>Short name= Pro-NRG2 Cleaved into the following chain: 1.</p> <p>Neuregulin-2.</p> <p>Short name= 2.</p> <p>NRG-2.</p> <p>Alternative name(s): Neural- and thymus-derived activator for ERBB kinases.</p> <p>Short name= NTAK</p>
UniProt:	O35569
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Comment:	<p>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.</p>
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

Handling

Storage: -20 °C

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