

Datasheet for ABIN7591032

RTN4R Protein (AA 27-447) (His tag)



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Overview

Quantity:	100 µg
Target:	RTN4R
Protein Characteristics:	AA 27-447
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RTN4R protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	CPGA CVCYNEPKVT TSCPQQGLQA VPTGIPASSQ RIFLHG NRIS YVPAASFQSC RNLTILWLHS NALAGIDAAA FTGLTLLEQL DLSDNAQLRV VDP TTFRGLG HLHTLHLDRC GLQELGPGLF RGLAALQYLY LQDNNLQALP DNTFRDLGNL THLFLHGNRI PSVPEHA FRG LHSLDRLLLH QNHVARVHPH AFRDLGRLMT LYLFANNLSM LPAEVLVPLR SLQYLRLNDN PWVCD CRARP LWAWLQKFRG SSSEVPCNLP QRLAGRDLKR LAASDLEGCA VASGPF RPFQ TNQLTDEELL GLPKCCQ PDA ADKASVLEPG RPASAGNALK GRVPPGDTPP GNGSGPRHIN DSPFGTLP GS AEPPLTALRP GGSEPPGLPT TGPRRRPGCS RKNRTRSHCR LGQAGSGSSG TGDAEGS
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:	RTN4R
Alternative Name:	Reticulon-4 receptor (Rtn4r) (RTN4R Products)
Background:	Recommended name: Reticulon-4 receptor. Alternative name(s): Nogo receptor. Short name= NgR Nogo-66 receptor
UniProt:	Q99M75
Pathways:	Neurotrophin Signaling Pathway

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