

Datasheet for ABIN1460664  
**NEU1 Protein (AA 48-415) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NEU1
Protein Characteristics:	AA 48-415
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEU1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>KDD FSLVHPLVTM EQLLWVSGKQ IGSVDTRIP LITTPRGTL LAFAEARKMS TSDKGAKFIA</p> <p>LRRSMDQGST WSPTAFIVDD GETPDGLNLG AVVSDDTTGV VFLFYSLCAH KAGCQVASTM</p> <p>LVWSKDDGVS WSSPRNLSLD IGTEMFAPGP GSGIQKQREP RKGRLIVCGH GTLERDGVFC</p> <p>LLSDDHGVSW RYGGGVSGIP YGQPKRENDF NPDECQPYEL PDGSVVINAR NQNNYHCHCR</p> <p>IILRSYDACD TLRPRDVTFD TELVDPVVA GAVATSSGIV FFSNPAHPEF RVNLTLRWSF</p> <p>SNGTSWRKET VQLWPGPSGY SSLTTLEGNV DGKDEAPQLY VLYEKGRNQY MESISLVKVS</p> <p>VYGTL</p>
Specificity:	Bos taurus (Bovine)
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:	NEU1
Alternative Name:	Sialidase-1 (NEU1) ( <a href="#">NEU1 Products</a> )
Background:	Recommended name: Sialidase-1. EC= 3.2.1.18. Alternative name(s): Acetylneuraminyl hydrolase Lysosomal sialidase N-acetyl-alpha-neuraminidase 1
UniProt:	<a href="#">A6BMK7</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## 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 modiflicated 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.