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Datasheet for ABIN1634464  
**NEU2 Protein (AA 1-379) (His tag)**

### Overview

Quantity:	1 mg
Target:	NEU2
Protein Characteristics:	AA 1-379
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEU2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	METCPVLQKE TLFHTEVYAY RIPALLYLKK QKTLFAFAEK RASRTDEHAE LIVLRRGSYN GATNHVKWQP EEVVTQAQLE GHRSMNPCPL YDKQTKTLFL FFIAVPGRVS EQHQLQTRVN VTRLCRVST DYGMNWSPVQ DLTETTIGST HQDWATFAVG PGHCLQLRNR AGSLLVPAYA YRKLHPVHKP TPF AFCFISL DHGHTWELGN FVSENSLECQ VAEVGTGAHR WYVLNARFI GARVQAQSPN DGLDFQDNQV VSKLVEPPHG CHGSVAFHS PTSKPDCLRH VAAAYTHPTDS RNRTNLGVYL NQTPLDPTAW SEPTLLATGT CAYSDLQIWG LGPDGSPQFG CLYESGNYDE IIFLMFTLKQ AFPTVHGAQ
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

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Target:	NEU2
Alternative Name:	Sialidase-2 (Neu2) ( <a href="#">NEU2 Products</a> )
Background:	Recommended name: Sialidase-2. EC= 3.2.1.18. Alternative name(s): Cytosolic sialidase N-acetyl-alpha-neuraminidase 2
UniProt:	<a href="#">Q64627</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>

## Application Details

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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

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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.