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# Datasheet for ABIN2732039 NEU2 Protein (His tag)

Image



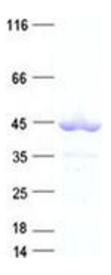
## Overview

Quantity:	50 µg
Target:	NEU2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEU2 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human Sialidase-2 (full length, N-term HIS tag) protein expressed in E.coli.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	NEU2
Alternative Name:	Sialidase-2 (NEU2 Products)
Background:	This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments.
Molecular Weight:	42.1 kDa

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Target Details	
NCBI Accession:	NP_005374
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

### Images



#### Western Blotting

Image 1. Validation with Western Blot

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