

# Human NEU2 / Sialidase-2 (His Tag) recombinant protein



Catalog Number: 502723

## General Information

### Gene Name Synonym

Cytosolic sialidase; N-acetyl-alpha-neuraminidase 2

### Protein Construction

A DNA sequence encoding the human NEU2 (CAB41449.1) (Met1-Gln380) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Met

### Molecular Mass

The recombinant human NEU2 consists 391 amino acids and predicts a molecular mass of 43.7 kDa.

### Formulation

Lyophilized from sterile NI-A, 20 % glycerol.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

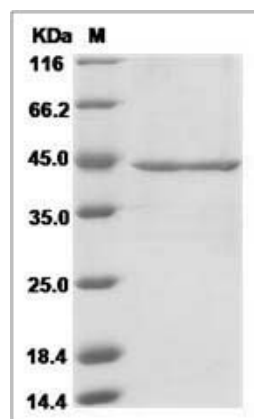
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



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