

# Human sialate O-acetyltransferase (His Tag) recombinant protein



Catalog Number: 500169

## General Information

### Gene Name Synonym

H-Lse; Sialic acid-specific 9-O-acetyltransferase

### Protein Construction

A DNA sequence encoding the human SIAE (Met 1-Lys523) (Q9HAT2-1) was expressed, with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ile 24

### Molecular Mass

The secreted recombinant human SIAE consists of

511 amino acids and predicts a molecular mass of 57.4 KDa. The apparent molecular mass of the protein is approximately 61 Kda in SDS-PAGE under reducing conditions due to glycosylation.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

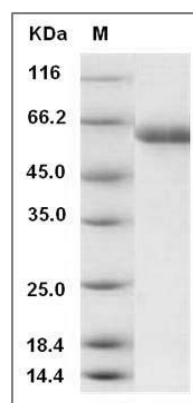
### Storage

Store it under sterile conditions at -20°C to -80°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



Human sialate O-acetyltransferase / SIAE Protein (His Tag) SDS-PAGE