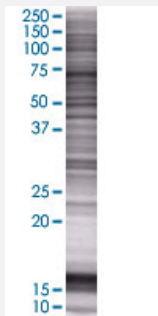


SIAE 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00054414-T01

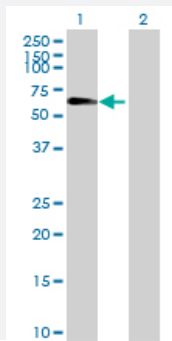
Size 100 uL

Applications



SDS-PAGE Gel

SIAE transfected lysate.



Western Blot

Lane 1: SIAE transfected lysate (57.64 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SIAE full-length
Host	Human
Theoretical MW (kDa)	57.64
Interspecies Antigen Sequence	Mouse (76); Rat (75)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SIAE antibody ([H00054414-B01](#)) by Western Blots.
 SDS-PAGE Gel
 SIAE transfected lysate.
 Western Blot
 Lane 1: SIAE transfected lysate (57.64 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SIAE

Entrez GeneID

[54414](#)

GeneBank Accession#

[NM_170601.3](#)

Protein Accession#

[NP_733746.1](#)

Gene Name

SIAE

Gene Alias

CSE-C, LSE, MGC87009, YSG2

Gene Description

sialic acid acetyltransferase

Omim ID

[610079](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Sialic acids are acidic 9-carbon sugars typically found at the nonreducing end of sugar chains. They are frequently modified by 9-O-acetylation, and this modification is removed by sialic acid acetyltransferases. SIAE appears to encode both lysosomal and cytosolic sialic acid acetyltransferase isoforms (LSE and CSE, respectively) (Takematsu et al., 1999 [PubMed 10464298]).[supplied by OMIM]

Other Designations

Ysg2 homolog|cytosolic sialic acid 9-O-acetyltransferase homolog|sialic acid-specific acetyltransferase II

Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)