

Sialic Acid Acetyltransferase (SIAE) Recombinant Protein | SIAE recombinant protein

Recombinant Sialic Acid Acetyltransferase (SIAE)

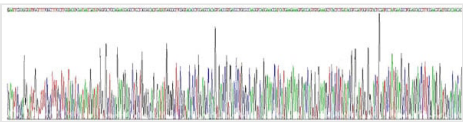
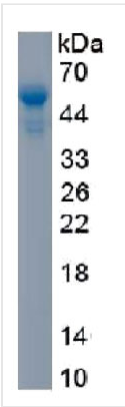
CATALOG # AAA134623	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Sialic Acid Acetyltransferase (SIAE); Recombinant Sialic Acid Acetyltransferase (SIAE); SIAE recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for SIAE recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala22~Pro244
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted, Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	6.5
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

ASIOFIRAS TINDOVLAK EPAGAVIRUF OTTGATVIT LIOKRETIME NYTIDREASO THIVALEONE PROPTENMAO OTLEKIMTEL
RYNCEYLOEV NLICQOQNOO KTYLOIPNAT KSLINTATQ SYVLSVSTI QASQLEEV AYAAKREPT SEHJANOTR TMSAVONLFG
FIR.YITULQTF IGLIASQNGS TFRANSKR SJEMZYKQ GQIF

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	321267600
NCBI GeneID	54414
NCBI Accession #	NP_001186851.1
NCBI GenBank Nucleotide #	NM_001199922.1
UniProt Accession #	Q9HAT2; Q8IUT9; Q9HAU7; Q9NT71; B3KPB0
Molecular Weight	Predicted Molecular Mass: 54.5kDa Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	sialate O-acetylerase isoform 2
NCBI Official Synonym Full Names	sialic acid acetylerase
NCBI Official Symbol	SIAE
NCBI Official Synonym Symbols	LSE; AIS6; CSEC; YSG2; CSE-C
NCBI Protein Information	sialate O-acetylerase; H-Lse; sialic acid-specific acetylerase II; cytosolic sialic acid 9-O-acetylerase homolog
UniProt Protein Name	Sialate O-acetylerase
UniProt Gene Name	SIAE
UniProt Synonym Gene Names	YSG2
UniProt Entry Name	SIAE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.