

Recombinant Human SIAE Protein, His/GST-tagged

Cat. No. SIAE-694H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIAE(Ala22~Pro244) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala22~Pro244
Description	This gene encodes an enzyme which removes 9-O-acetylation modifications from sialic acids. Mutations in this gene are associated with susceptibility to autoimmune disease 6. Multiple transcript variants encoding different isoforms, found either in the cytosol or in the lysosome, have been found for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	51.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SIAE sialic acid acetylerase [Homo sapiens]
Official Symbol	SIAE
Synonyms	SIAE; sialic acid acetylerase; YSG2, Ysg2 homolog (mouse); sialate O-acetylerase; CSE C; LSE; MGC87009; sialic acid specific acetylerase II; H-Lse; sialic acid-specific acetylerase II; cytosolic sialic acid 9-O-acetylerase homolog; AIS6; CSEC; YSG2; CSE-C;
Gene ID	54414
mRNA Refseq	NM_001199922
Protein Refseq	NP_001186851
MIM	610079
UniProt ID	Q9HAT2

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