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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SIAE (Human) Recombinant Protein (P01)

Catalog Number: H00054414-P01

Regulation Status: For research use only (RUO)

Product Description: Human SIAE full-length ORF (NP_733746.1, 1 a.a. - 523 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVAPGLVLGLVPLILWADRSAGIGFRFASYINNDMVL
QKEPAGAVIWGFGTPGATVTVTLRQGQETIMKKVTSV
KAHSDTWMVVLDPMKPGGPFEVMAQQTLEKINFTLRV
HDVLFGDVWLCSGQSNMQMTVLQIFNATRELSNTAAY
QSVRILSVPIQAEQELEDLVAVDLQWSKPTSENLGHG
YFKYMSAVCWLFGRHLYDTLQYPIGLIASSWGGTPIEA
WSSGRSLKACGVPKQGSIPYDSVTGPSKHSVLWNAMI
HPLCNMTLKGVVWYQGESNINYNTDLYNCTFPALIED
WRETFHRGSQGGQTERFFPFGLVQLSSDLSKKSSDDG
FPQIRWHQTADFGYVNPMPNTFMAVAMDLCRDS
PFGSIHPRDKQTVAYRLHLGARALAYGEKNLTFEGPLP
EKIELLAHKLLNLTYYQQIQVQKKDNKIFEISCCSDHR
CKWLPASMNTVSTQSLTLAIDSCHGTVVALRYAWTTW
PCEYKQCPLYHPSSALPAPPFIAFITDQGGPHQSNVAK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.7

Interspecies Antigen Sequence: Mouse (76); Rat (75)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 54414

Gene Symbol: SIAE

Gene Alias: CSE-C, LSE, MGC87009, YSG2

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]