

Recombinant Human SIAE protein ab162734

1 Image

Description

Product name	Recombinant Human SIAE protein
Expression system	Wheat germ
Accession	<u>Q9HAT2</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MVAPGLVLGLVPLILWADRSAGIGFRFASYINNDMVLQKE PAGAVIWGF GTPGATVTVTLRQGQETIMKKVTSVKAHSDTWMVVDPM KPGGPFEVMAQ QTLEKINFTLRVHDVLFGDVWLCSGQSNMQMTVLQIFNAT RELSNTAAYQ SVRILSVSPIQAEQELEDLVAVDLQWSKPTSENLGHGYFK YMSAVCWLFQ RHLYDTLQYPIGLIASSWGGTPIEAWSSGRSLKACGVPKQ GSIPYDSVTG PSKHSVLWNAMIHPLCNMTLKGVVWYQGESNINYNTDLYN CTFPALIEDW RETFHRGSQGQTERFFPFGLVQLSSDLSKKSSDDGFPQI RWHQTADFGYV PNPKMPNTFMAVAMDLCDRDSPFGSIHPRDKQTVAYRLH LGARALAYGEK NLTFEGPLPEKIELLAHKGLLNLTYYQQIQVQKKDNKIFEISC CSDHRCK WLPASMNTVSTQSLTLAIDSCHGTVVALRYAWTTWPCEY KQCPLYHPSSA LPAPPFIAFITDQGPGHQSNVAK
Amino acids	1 to 523
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab162734** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	ELISA
Form	Liquid

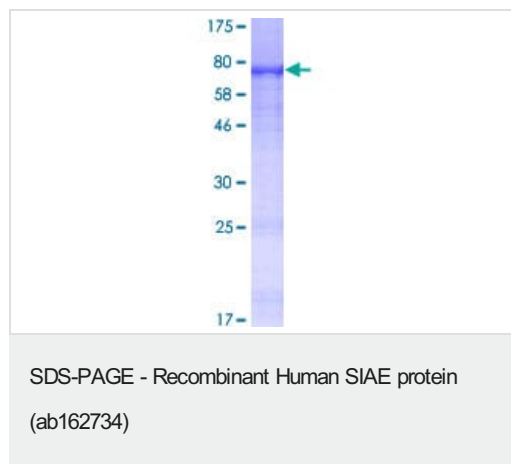
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Relevance	Sialic acids are acidic 9-carbon sugars typically found at the non-reducing end of sugar chains. They are frequently modified by 9-O-acetylation and this modification is removed by sialic acid acetylsterases. SIAE catalyzes the removal of O-acetyl ester groups from position 9 of the parent sialic acid, N-acetylneuraminic acid. SIAE appears to encode both lysosomal and cytosolic sialic acid acetylsterase isoforms (LSE and CSE, respectively). It is widely expressed with high expression in the testis, prostate, and colon. There are three named isoforms.
Cellular localization	Lysosome

Images



ab162734 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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