

Recombinant Full Length Mouse SIAE Protein, His tagged

Cat. No. SIAE-15119M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Mouse
Source	HEK293
ProteinLength	22-541 aa
Description	Predicted to enable sialate O-acetyltransferase activity. Predicted to be involved in carbohydrate metabolic process and regulation of immune system process. Located in lysosome. Is expressed in several structures, including abdominal fat pad; central nervous system; genitourinary system; immune system; and yolk sac. Human ortholog(s) of this gene implicated in autoimmune disease. Orthologous to human SIAE (sialic acid acetyltransferase).
Molecular Mass	60 kDa
AA Sequence	AGIGFRFASYIDNYMVLQKEPSGAVIWGFGTPGATVTVTLTCQGQETIMKKVTSVKEP SNTWMVVLDPMPKPGGPFEVMAQQTLGTMNFTLRVHDLVFGDVWLCSGQSNMQM TVSQIFNASKELSDTAAYQSVRIFSVSLIQSEEELDDLTEVDLSWSKPTAGNLGHGNF TYMSAVCWLFGRYLYDTLQYPIGLVSSSWGGTYIEVWSSRRTLKACGVPNTRDERV GQPEIKPMRNECNSEESSCPFRVVPVSVRVTPGTRHSLVWNAMIHPLQNMTLKGVV WYQGESNADYNRDLYTCMFPELIEDWRQTFHYGSQGQTDRFFPFQGVQLSSYMLK NSSDYGFPEIRWHQTADFGHVPNPKMPNTFMAVAIDLCDRDSPFQSIHPRDKQTV YRLHLGARAVAYGEKNLTFQGPLPKKIELLASNGLLNLTQDQEIQVQMMDNKTFEISC

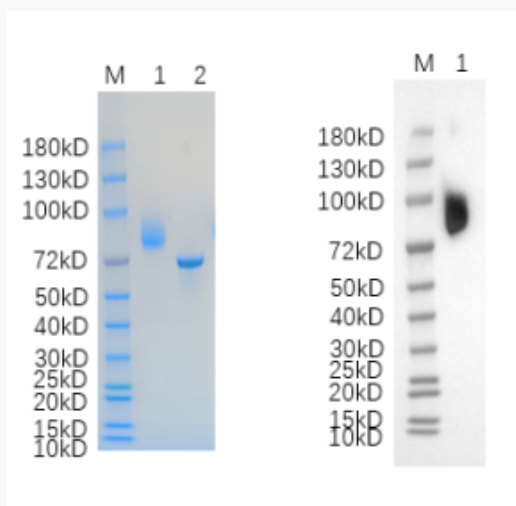
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	CSDRHCKWLPAPVNTFSTQTLILDNLNACLGTVVAVRYAWTTWPCEYKQCAVYHTSS MLPAPPFIAQISHRGIHHHHHHHHH
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	0.22 mg/mL by BCA
GENE INFORMATION	
Gene Name	Siae sialic acid acetylerase [Mus musculus (house mouse)]
Official Symbol	SIAE
Synonyms	SIAE; sialic acid acetylerase; sialate O-acetylerase; clone 165; yolk sac gene 2; yolk sac protein 2; sialic acid-specific 9-O-acetylerase; LSE; Ysg2
Gene ID	22619
mRNA Refseq	NM_011734
Protein Refseq	NP_035864
UniProt ID	P70665

Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
SIAE



1. SIAE: 1 µg 2. BSA: 1 µg

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA