

Product datasheet for PH309708

SIAE (NM_170601) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SIAE MS Standard C13 and N15-labeled recombinant protein (NP_733746)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209708
Predicted MW:	58.3 kDa
Protein Sequence:	>RC209708 protein sequence Red=Cloning site Green=Tags(s)
	<p>MVAPGLVLGLVLPILWADRSAGIGFRFASYINNDMVLQKEPAGAVIWGFGTPGATVTVTLRQGQETIMK KVTSVKAHSDTWMVLDPMKPGGPFVMAQQTLEKINFTLRVHDVLFGDVWLCSGQSNMQMTVLQIFNAT RELSNTAAYQSVRILSVSPIQAEQELEDLVAVDLQWSKPTSENLGHGYFKYMSAVCWLFGRHLYDTLQYP IGLIASSWGGTPIEAWSSGRSLKACGVPKQGSIPYDSVTGPSKHSVLWNAMIHPLCNMTLKGVVWYQGES NINYNNTDLYNCTFPALIEDWRETFHRGSQGQTERFFPFGLVQLSSDL SKKSSDDGFPQIRWHQTADFGYV PNPKMPNTFMAMVDLCDRDSPFSGSIHPRDKQTVAYRLHLGARALAYGEKNLTFEGPLPEKIELLAHKGL LNLTYQQIQVQKKNKIFEISCCSDHRCKWLPASMNTVSTQSLTLAIDSCHGTVALRYAWTTWPCEYK QCPLYHPSSALPAPPFIAFITDQGPQHQSNAK</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_733746
RefSeq Size:	2907
RefSeq ORF:	1569



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Synonyms: AIS6; CSE-C; CSEC; LSE; YSG2

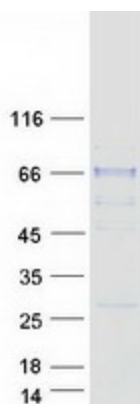
Locus ID: 54414

UniProt ID: [Q9HAT2](#)

Cytogenetics: 11q24.2

Summary: 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.[provided by RefSeq, Feb 2011]

Product images:



Coomassie blue staining of purified SIAE protein (Cat# [TP309708]). The protein was produced from HEK293T cells transfected with SIAE cDNA clone (Cat# [RC209708]) using MegaTran 2.0 (Cat# [TT210002]).