

Product datasheet for PH312480

SERINC3 (NM_006811) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SERINC3 MS Standard C13 and N15-labeled recombinant protein (NP_006802)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212480
Predicted MW:	52.4 kDa
Protein Sequence:	>RC212480 representing NM_006811 Red =Cloning site Green =Tags(s)

MGAVLGVFSLASWVPCLCGASCLLCSCCPNSKNSTVTRLIYAFILLSTVVSYIMQRKEMETYLKKIPG
 FCEGGFKIHEADINADKCDVLVGKAYRISFAMAIFFVFSLMFKVKTSKDLRAAVHNGFWFFKIAA
 LIGIMVGSFYIPGGYFSSVWFVGMIGAALFILIQLVLLVDFAHSWNESWYNRMEEGNPRLWYAALLSFT
 SAFYILSIICVGLLYTYTKPDGCTENKFFISINLILCVVASIISIHPKIQEHQPRSGLLQSSLITLYTM
 YLTWSAMSNEPDRSCNPNLMSFITRITAPTLAPGNSTAVVPTPTPPSKSGSLLDSNFIGLFVFLCLLY
 SSIRTSTNSQVDKLTLSGSDSVILGDTTSGASDEEDGQPRRAVDNEKEGVQYSYSLFHLMLCLASYIM
 MTLTSWYSPDAKFQSMTSKWPVWVKISSWVCLLLYVWTLVAPLVLTSRDFS

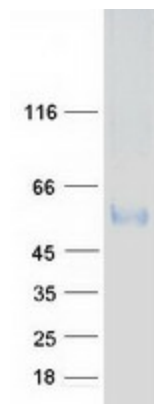
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_006802</u>
RefSeq Size:	2592
RefSeq ORF:	1419
Synonyms:	AIGP1; DIFF33; SBB199; TDE; TDE1; TMS-1


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Locus ID:	10955
UniProt ID:	Q13530
Cytogenetics:	20q13.12
Summary:	Restriction factor required to restrict infectivity of lentiviruses, such as HIV-1: acts by inhibiting an early step of viral infection. Impairs the penetration of the viral particle into the cytoplasm (PubMed:26416733, PubMed:26416734).[UniProtKB/Swiss-Prot Function]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified SERINC3 protein (Cat# [TP312480]). The protein was produced from HEK293T cells transfected with SERINC3 cDNA clone (Cat# [RC212480]) using MegaTran 2.0 (Cat# [TT210002]).