

Product datasheet for **TP312480M**

SERINC3 (NM_006811) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine incorporator 3 (SERINC3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212480 representing NM_006811 Red =Cloning site Green =Tags(s)

MGAVLGVFSLASWVPCLCSGASCLLCSCCPNSKNSTVTRLIYAFILLSTVVSYIMQRKEMETYLKKIPG
FCEGGFKIHEADINADKDCDVLVGYKAVYRISFAMAIAFFVFSLLMFKVKTSKDLRAAVHNGFWFFKIAA
LIGIMVGSFYIPGGYFSSVWFVGMIGAALFILIQLVLLVDFAHSWNESWVNRMEEGNPRLWYAALLSFT
SAFYILSIICVGLLYTYTKPDGCTENKFFISINLILCVVASIHPKIQEHQPRSGLLQSSLITLYTM
YLTWSAMSNEPDRSCNPNLMSFITRITAPTLAPGNSTAVVPTPTPPSKSGSLLDSDNFIFLVFVLCCLLY
SSIRTSTNSQVDKLTLSGSDSVILGDTTTS GASDEEDGQPRRAVDNEKEGVQYSYSLFHLMLCLASLYIM
MTLTSPWYSPDAKFQSMSTKWPAVWVKISSSWVCLLLYVWTLVAPLVLTSRDFS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

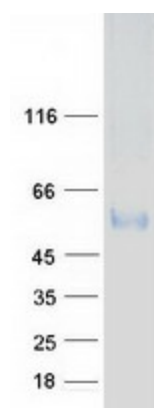
Tag:	C-Myc/DDK
Predicted MW:	52.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006802</u>



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Locus ID:	10955
UniProt ID:	Q13530
RefSeq Size:	2592
Cytogenetics:	20q13.12
RefSeq ORF:	1419
Synonyms:	AIGP1; DIFF33; SBB199; TDE; TDE1; TMS-1
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]).