

Recombinant Human SERINC3 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. SERINC3-324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERINC3 MS Standard C13 and N15-labeled recombinant protein (NP_006802) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	52.4 kDa
AA Sequence	MGAVLGVFSLASWVPCLCSGASCLLCSCCPNSKNSTVTRLIYAFILLSTVVSYIMQR KEMETYLKKIPGFCEGGFKIHEADINADKDCDVLVG YKAVYRISFAMAIFFFVFSLLMF KVKTSKDLRAAVHNGFWFFKIAALIGIMVGSFYIPGGYFSSVWFVGMIGAALFILIQL VLLVDFAHSWNESWVNRMEEGNPRLWYAALLSFTSAFYILSIICVGLLYTYTTPDG CTENKFFISINLILCVVASIISIHPKIQEHQPRSGLLQSSLITLYTMYLTWSAMSNEPDR SCNPNLMSFITRITAPTLAPGNSTAVVPTPTPPSKSGSLLDSDNFIGLFVFLCLLYSSI RTSTNSQVDKLTLSGSDSVILGDTTTS GASDEEDGQPRRAVDNEKEGVQYSYSLFH LMLCLASLYIMMTLTSWYSPDAKFQSMTSKWPAVWVKISSSWVCLLYVWTLVAPL VLTSRDFSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SERINC3 serine incorporator 3 [Homo sapiens (human)]
Official Symbol	SERINC3
Synonyms	SERINC3; serine incorporator 3; TDE1, tumor differentially expressed 1; AIGP1; DIFF33; SBBI99; TDE; TMS 1; transmembrane protein SBBI99; tumor differentially expressed 1; tumour differentially expressed 1; tumor differentially expressed protein 1; placental transmembrane protein (mouse testicular tumor differentially expressed); TDE1; TMS-1;
Gene ID	10955
mRNA Refseq	NM_006811
Protein Refseq	NP_006802
MIM	607165
UniProt ID	Q13530

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