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Product datasheet for TP505635

Sms (NM_009214) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse spermine synthase (Sms), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205635 protein sequence Red=Cloning site Green=Tags(s) MAAARHSTLDFKLGAKADGEAILKGLQSIFQEQGMTESVHTWQDHGYLATYTNKNGSFANLRIYPHGLVL LDLQSYDSDVQGKQETDSLLNKIEEKMKELSQDSTGRVKRLPPIVRGGAIDRYWPTADGRLVEYDIDEVV YDEDSPYQNIKILHSKQFGNILILSGDVNLAESDLAYTRAIMGSGKEDYTGKDVLILGGGDGGILCEIVK LKPKMVTMVEIDQMVIDGCKKYMRRTCGDVLDNLRGDCYQVLIEDCIPVLKMYAKEGREFDYVINDLTAV PISTSPEEDSTWDFLRLILDLSMKVLKQDGKYFTQGNCVNLTEALSLYEEQLGRLYCPVEFSKEIVCVPS YLELWVFYTVWKKAKP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	41.3 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
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 after receiving vials.
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:	NP_033240
Locus ID:	20603
UniProt ID:	P97355

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RefSeq Size:	3377
Cytogenetics:	X 72.48 cM
RefSeq ORF:	1101
Synonyms:	AI427066; Gy; gyro; SpmST; SPMSY
Summary:	Catalyzes the production of spermine from spermidine and decarboxylated S-adenosylmethionine (dcSAM) (By similarity). Required for normal viability, growth and fertility. [UniProtKB/Swiss-Prot Function]