

Recombinant Full Length Human SMS Protein

Cat. No. SMS-485HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Spermine synthase protein with an N terminal proprietary tag; Predicted MW 66.37 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	366 amino acids
Description	The protein encoded by this gene belongs to the spermidine/spermine synthases family. This gene encodes an ubiquitous enzyme of polyamine metabolism.
Form	Liquid
Molecular Mass	66.370kDa inclusive of tags
AA Sequence	MAAARHSTLDFMLGAKADGETILKGLQSIFQEQGMAESVH TWQDHGYLATYTNKN GSFANLRIYPHGLVLLDLQSYDGDA QGKEEIDSILNKVEERMKELSQDSTGRVKRLP PIVRGGAI DRYWPTADGRLVEYDIDEVYDEDESPYQNIKILHSKQFGN ILILSGDVNL AESDLAYTRAIMGSGKEDYTGKDVILGGG DGGILCEIVKLKPKMVTMVEIDQMVID GCKKYMRTKCGDV LDNLKGDYCYQVLIEDCIPVLKRYAKEGREFDYVINDLTAV PIST SPEEDSTWEFLRLILDLSMKVLKQDGKYFTQGNCVN LTEALSLYEEQLGRLYCPVE FSKEIVCVPSYLELWVFYTV WKKAKP
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

Gene Name	SMS spermine synthase [Homo sapiens]
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Official Symbol	SMS
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Synonyms	SMS; spermine synthase; Snyder Robinson X linked mental retardation syndrome , SRS; MRSR; SPMSY; SpS
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Gene ID	6611
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mRNA Refseq	NM_004595
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Protein Refseq	NP_004586
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MIM	300105
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UniProt ID	P52788
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