

## Recombinant Full Length Human SMS Protein

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

### SPECIFICATION

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

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**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** SMS spermine synthase [ Homo sapiens ]

**Official Symbol** SMS

**Synonyms** SMS; spermine synthase; Snyder Robinson X linked mental retardation syndrome , SRS; MRSR; SPMSY; SpS

**Gene ID** 6611

**mRNA Refseq** NM\_004595

**Protein Refseq** NP\_004586

**MIM** 300105

**UniProt ID** P52788

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