

Recombinant Full Length Human SGMS1 Protein, GST-tagged

Cat. No. SGMS1-6872HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human SGMS1 full-length ORF (AAH42899, 1 a.a. - 413 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	413 amino acids
Description	The protein encoded by this gene is predicted to be a five-pass transmembrane protein. This gene may be predominately expressed in brain.
Molecular Mass	71.17 kDa
AA Sequence	MKEVVYWSPPKKVADWLLNAMPEYCEPLEHFTGQDLINLTQEDFKKPPLCRVSSDN GQRLLDMIETLKMEHHLEAHKNGHANGHLNIGVDIPTPDGSFSIKIKPNGMPNGYRK EMIKIPMEPELERSQYPMEWGKTFLAFLYALSCFVLTTVMISVVHERVPPKEVQPPLP DTFDFHFNVRVQWAFSICEINGMILVGLWLIQWLLLKYKSIISRRFFCIVGTLYLYRCITM YVTTLPVPGMHFNCSPKLFGDWEAQLRRIMKLIAGGGLSITGSHNMCGDYLYSGHT VMLTLTYLFIKEYSPRRLWWYHWICWLLSVVGIFCILLAHDHYTVDVVVAYYITTRLF WWYHTMANQQVLKEASQMNLLARVWWYRPFQYFEKNVQGIVPRSYHWPFPWPV VHLSRQVKYSRLVNDT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name SGMS1 sphingomyelin synthase 1 [Homo sapiens (human)]

Official Symbol SGMS1

Synonyms SGMS1; sphingomyelin synthase 1; MOB; MOB1; SMS1; TMEM23; hmob33; phosphatidylcholine:ceramide cholinephosphotransferase 1; medulla oblongata-derived protein; protein Mob; transmembrane protein 23; EC 2.7.8.27

Gene ID 259230

mRNA Refseq NM_147156

Protein Refseq NP_671512

MIM 611573

UniProt ID Q86VZ5

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