Recombinant Human SGMS1 Protein, GST-tagged

Cat. No. SGMS1-59H **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	Wheat Germ
ProteinLength	1-413
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	MKEVVYWSPKKVADWLLENAMPEYCEPLEHFTGQDLINLTQEDFKKPPLCRVSSDN GQRLLDMIETLKMEHHLEAHKNGHANGHLNIGVDIPTPDGSFSIKIKPNGMPNGYRK EMIKIPMPELERSQYPMEWGKTFLAFLYALSCFVLTTVMISVVHERVPPKEVQPPLP DTFFDHFNRVQWAFSICEINGMILVGLWLIQWLLLKYKSIISRRFFCIVGTLYLYRCITM YVTTLPVPGMHFNCSPKLFGDWEAQLRRIMKLIAGGGLSITGSHNMCGDYLYSGHT VMLTLTYLFIKEYSPRRLWWYHWICWLLSVVGIFCILLAHDHYTVDVVVAYYITTRLF WWYHTMANQQVLKEASQMNLLARVWWYRPFQYFEKNVQGIVPRSYHWPFPWPV VHLSRQVKYSRLVNDT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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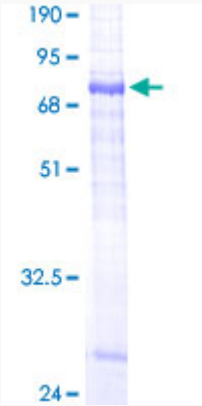
	Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.

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

Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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