

Recombinant Human SGMS2, His-tagged

Cat. No. SGMS2-2632H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SGMS2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	181-365aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SGMS2 sphingomyelin synthase 2 [Homo sapiens]
Official Symbol	SGMS2
Synonyms	SGMS2; sphingomyelin synthase 2; phosphatidylcholine:ceramide cholinephosphotransferase 2; MGC26963; SMS2; SM synthase;
Gene ID	166929

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mRNA Refseq	NM_001136257
Protein Refseq	NP_001129729
MIM	611574
UniProt ID	Q8NHU3
Chromosome Location	4q25
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid de novo biosynthesis, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem; Sphingolipid metabolism, conserved biosystem;
Function	ceramide cholinephosphotransferase activity; kinase activity; sphingomyelin synthase activity; transferase activity;

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