

Recombinant Human SGMS1 Protein, Strep II-tagged

SGMS1-1292H Human

Lot. No. (See product label)

Specification

Product Overview Recombinant Human SGMS1 Protein was expressed in insect sf9 cells with Strep II-tag.

Description Sphingomyelin, a major component of cell and Golgi membranes, is made by the transfer of phosphocholine from phosphatidylcholine onto ceramide, with diacylglycerol as a side product. The protein encoded by this gene is an enzyme that catalyzes this reaction primarily at the cell membrane. The synthesis is reversible, and this enzyme can catalyze the reaction in either direction. The encoded protein is required for cell growth. Three transcript variants encoding the same protein have been found for this gene. There is evidence for more variants, but the full-length nature of their transcripts has not been determined.

Source Insect cell

Species Human

Tag Strep II

Form Liquid

Purity >80%

Storage Buffer Solution containing detergent.

Gene Information

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

Official Symbol [SGMS1](#)

Synonyms MOB; MOB1; SMS1; TMEM23; hmob33

Gene ID [259230](#)

mRNA Refseq [NM_147156.3](#)

Protein Refseq [NP_671512.1](#)

MIM [611573](#)

UniProt ID [Q86VZ5](#)

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45-1 Ramsey Road, Shirley, NY 11967, USA

Tel: +1-631-559-9269 Fax: +1-631-938-8127

E-mail: info@creative-biomart.com

www.creativebiomart.net