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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SGMS2 (Human) Recombinant Protein (P02)

Catalog Number: H00166929-P02

Regulation Status: For research use only (RUO)

Product Description: Human SGMS2 full-length ORF (NP_689834.1, 1 a.a. - 365 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDIETAKLEEHLNQPSDPTNTYARPAEPVEEENKNG
NGKPKSLSSGLRKGTKKYPDIQIAMPTESRNKFPLE
WWKTGIAFIYAVFNLVLTVMITVVHERVPPKELSPPLP
DKFFDYIDRVKWAFSVSEINGIILVGLWITQWLFLRYKSI
VGRRFCFIIGTLYLYRCITMYVTTLVPVGMHFQCAPKL
NGDSQAKVQRILRLISGGGLSITGSHILCGDFLFSGHTV
TLTLTYLFIKEYSPRHFWWYHLICWLLSAAGIICILVAHE
HYTIDVIAYYITTRLFWWYHSMANEKNLKVSSQTNFLS
RAWWFPIFYFFEKNVQGSIPCCFSWPLSWPPGCFKSS
CKKYSRVQKIGEDNEKST

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.7

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 166929

Gene Symbol: SGMS2

Gene Alias: MGC26963, SMS2

Gene Summary: 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]