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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SMPD1 (Human) Recombinant Protein (Q01)

Catalog Number: H00006609-Q01

Regulation Status: For research use only (RUO)

Product Description: Human SMPD1 partial ORF (NP_000534.3, 531 a.a. - 630 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
AIPHWQLLYRARETYGLPNTLPTAWHNLVYRMRGDM
QLFQTFWFLYHKGHPPSEPCGTPCRLATLCAQLSARA
DSPALCRHLMPDGSLPEAQSLWPRPLF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

Interspecies Antigen Sequence: Mouse (82); Rat (83)

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: 6609

Gene Symbol: SMPD1

Gene Alias: ASM, NPD

Gene Summary: The protein encoded by this gene is a lysosomal acid sphingomyelinase that converts sphingomyelin to ceramide. The encoded protein also has phospholipase C activity. Defects in this gene are a cause of Niemann-Pick disease type A (NPA) and Niemann-Pick disease type B (NPB). Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]