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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SMPD4 (Human) Recombinant Protein (P01)

Catalog Number: H00055627-P01

Regulation Status: For research use only (RUO)

Product Description: Human SMPD4 full-length ORF (BAA91070.1, 1 a.a. - 798 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MAFPHLQQPSFLLASLKADSINKPFAQQCQDLVKVIED
FPAKELHTIFPWLVESIFGSLDGVLVGWNLRLCLQGRVN
PVEYSIVMEFLDPGGPMMKLVYKLAEDYKDFPVS
LPGPVKASIQCILPDSPLYHNKVQFTPTGGLGLNLAL
NPFEYYIFFFALSILITQKPLPVSLHVRTSDCAYFILVD
RYSYLSWFLPTEGSVPPPLSSSPGGTSPSPPPRTPAIPFAS
YGLHHTSLLKRHISHQTSVNADPASHEIWRSETLLQV
FVEMWLHHYSLEMYQKMQSPHAKESFTPTTEHVLV
VRLLLKHLHAFANSLKPEQASPSAHSHATSPLEEFKRAAV
P RFVQQKLYLFLQHCFGHWPLDASFRAVLEMWLSYLQ
PWRYAPDKQAPGSDSQPRCVSEKWAPFVQENLLMYT
KLFVGFNLRALRTDLVSPKHALMVFRVAKVFAQPNLAE
MIQKGEQLFLEPELVIPHRQHRLFTAPTFTGSFLSPWP
PAVTDASFVKVSHVYSLEGQDCKYTPMFGPEARTLVL
RLAQLITQAKHTAKSISDQCAESPAGHSFLSWLGFSSM
DTNGSYTANDLDEMGGQDSVRKTDEYLEKALEYLRQIF
RLSEAQLRQFTLALGTTQDENGKKQLPDCIVGEDGLIL
TPLGRYQIINGLRRFEIEYQGDPELQPIRSYEIASLVRTL
FRLSSAINHRFAGQMAALCSRDDFLGSFCRYHLTEPG
LASRHLLSPVGRRQVAGHTRGPRLSLRFLGSYRTLVS
LLLAFFVASLFCVGPLPCTLLLLTLGYVLYASAMTLLTER
GKLHQP

Theoretical MW (kDa): 116.5

Interspecies Antigen Sequence: Mouse (87)

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: 55627

Gene Symbol: SMPD4

Gene Alias: FLJ20297, FLJ20756, KIAA1418, NSMASE3, nSMase-3

Gene Summary: Sphingomyelinases (EC 3.1.4.12), such as SMPD4, catalyze the hydrolysis of membrane sphingomyelin to form phosphorylcholine and ceramide (Krut et al., 2006 [PubMed 16517606]).[supplied by OMIM]