

Recombinant Human SMPD2 Full Length Transmembrane protein, His-tagged

Cat. No. SMPD2-1038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMPD2 protein(O60906)(1-423aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-423aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.1 kDa
AA Sequence	MKPNFSLRLRIFNLNCWGIPYLSKHRADRMRRRLGDFLNQESFDLALLEEVWSEQDF QYLRQKLSPTYPAAHHFRSGIIGSGLCVFSKHPIQELTQHIYTLNGYPYMIHHGDWFS GKAVGLLVHLHSGMVLNAYVTHLHAEYNRQKDIYLAHRVAQAWELAQFIHHTSKKAD VVLLCGDLNMHPEDLGCCLLKEWTGLHDAYLETRDFKGSEEGNTMVPKNCYVSQQ ELKPFPPGVRIDYVLYKAVSGFYISCKSFETTTGFDPHRGTP LSDHEALMATLFVRHS PPQQNPSSSTHGAERSPLMCVLKEAWTELGLGMAQARWWATFASYVIGLGLLLLAL LCVLAAGGGAGEAAILLWTPSVGLVLWAGAFYLFHVQEVNGLYRAQAEHQHVLGRA REAQDLGPEPQPALLLGQQEGDRTKEQ

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	SMPD2 sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase) [Homo sapiens]
Official Symbol	SMPD2
Synonyms	SMPD2; sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase); sphingomyelin phosphodiesterase 2; ISC1; nSMase; N-SMase; lyso-PAF-PLC; neutral sphingomyelinase; lyso-platelet-activating factor-phospholipase C; NSMASE; NSMASE1;
Gene ID	6610
mRNA Refseq	NM_003080
Protein Refseq	NP_003071
MIM	603498
UniProt ID	O60906

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