

Recombinant Full Length Human SMPD2 Protein, GST-tagged

Cat. No. SMPD2-483HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SMPD2 was expressed in Wheat germ with N-terminal GST tag.
Species	Human
Source	In Vitro Cell Free System
Description	This gene encodes a protein which was initially identified as a sphingomyelinase based on sequence similarity between bacterial sphingomyelinases and a yeast protein. Subsequent studies showed that its biological function is less likely to be as a sphingomyelinase and instead as a lysophospholipase.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0.
Molecular Mass	72.64 kDa
AA Sequence	MKPNFSLRLR IFNLNCWGIP YLSKHRADRM RRLGDFLNQE SFDLALLEEV WSEQDFQYLR QKLSPTYPAH HFRSGIIGS GLCVFSKHPI QELTQHIYTL NGYPYMIHHG DWFSKGAVGL LVLHLSGMVL NAYVTHLHAE YNRQKDIYLA HRVAQAWELA QFIHHTSKKA DVVLLCGDLN MHPEDLGCCL LKEWTGLHDA YLETRDFKGS EEGNTMVPKN CYVSQQELKP PFGVVRIDYV LYKAVSGFYI SCKSFETTTG FDPHSGTPLS DHEALMATLF VRHSPQQNP SSTHGPAERS PLMCVLKEAW TELGLGMAQA RWWATFASYV IGLGLLLLAL LCVLAAGGGA GEAAILLWTP SVGLVLWAGA FYLFHVQEVN GLYRAQAEQ HVLGRAREAQ DLGPEPQPAL LLGQQEGDRT KEQ

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Full Length	Full L.
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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