

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	<p>MKPNFSLRLR IFNLNCWGIP YLSKHRADRM RRLGDFLNQE SFDLALLEEV WSEQDFQYLR QKLSPTYPAH HFRSGIIGS GLCVFSKHPI QELTQHIYTL NGYPYMIHHG DWFSGKAVGL LVLHLSGMVL NAYVTHLHAE YNRQKDIYLA HRVAQAWELA QFIHHTSKKA DVVLLCGDLN MHPEDLGCCL LKEWTGLHDA YLETRDFKGS EEGNTMVPKN CYVSQQELKP PFGVIRIDYV LYKAVSGFYI SCKSFETTTG FDPHSGTPLS DHEALMATLF VRHSPQQNP SSTHGPAERS PLMCVLKEAW TELGLGMAQA RWWATFASYV IGLGLLLLAL LCVLAAGGGA GEAAILLWTP SVGLVLWAGA FYLFHVQEVN GLYRAQAEQ HVLGRAREAQ DLGPEQPAL LLGQQEGDRT KEQ</p>

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

Gene Name	SMPD2 sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase) [Homo sapiens]
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Official Symbol	SMPD2
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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
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Gene ID	6610
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mRNA Refseq	NM_003080
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Protein Refseq	NP_003071
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MIM	603498
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UniProt ID	O60906
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