

Product datasheet for PH304846

SMPDL3B (NM_001009568) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SMPDL3B MS Standard C13 and N15-labeled recombinant protein (NP_001009568)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204846
Predicted MW:	41.7 kDa
Protein Sequence:	>RC204846 protein sequence Red=Cloning site Green=Tags(s) MRLLAWLIFLANWGGARAEPGKFWHIADLHLDPDYKVKDPFQVCP SAGSQPVPDAGPWGDYLCDSPWAL INSSIYAMKEIEPEPDFILWTGDDTPHPVDEKLGAAVLEIVERLTKLIREVFPDTKYVAALGNHDFHPK NQFPAGSNNIYNQIAELWKPWLSNESIALFKKGAFYCEKLPGPSGAGRIVVLNTNLYYTSNAL TADMADP GQQFQWLEDVLT DASKAGDMVYIVGHVPPGF FEKTQNKAWFREGFNEKYLKVV RKHHRVIAGQFFGHHHT DSFRMLYDDAGVPI SAMFITPGVTPWKTT LPGVVNGANNPAIRVFEYDRATLSLKVRSPA EARGGGWEGL KCITTFPHSQLIHLPLTTEPQEG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001009568</u>
RefSeq Size:	1611
RefSeq ORF:	1119
Synonyms:	ASML3B
Locus ID:	27293



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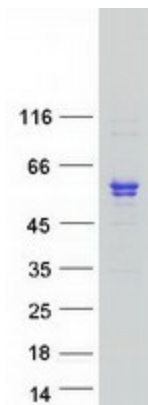
UniProt ID: [Q92485](#)

Cytogenetics: 1p35.3

Summary: Lipid-modulating phosphodiesterase (PubMed:26095358). Active on the surface of macrophages and dendritic cells and strongly influences macrophage lipid composition and membrane fluidity. Acts as a negative regulator of Toll-like receptor signaling (By similarity). Has in vitro phosphodiesterase activity, but the physiological substrate is unknown (PubMed:26095358). Lacks activity with phosphocholine-containing lipids, but can cleave CDP-choline, and can release phosphate from ATP and ADP (in vitro) (By similarity). [UniProtKB/Swiss-Prot Function]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified SMPDL3B protein (Cat# [TP304846]). The protein was produced from HEK293T cells transfected with SMPDL3B cDNA clone (Cat# [RC204846]) using MegaTran 2.0 (Cat# [TT210002]).