

Recombinant Human SMPDL3A Protein

Catalog #	Source	Reactivity	Applications
CRP2320	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SMPDL3A Protein is produced by our mammalian expression system and the target gene encoding Leu23-Tyr453 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	SMPDL3A		
Alternative Names	ASML3A; Acid sphingomyelinase-like phosphodiesterase 3a; ASM-like phosphodiesterase 3a		
Entrez Gene	10924 (Human)		
SwissProt	Q92484 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	LPVAPAGGRN PPPAIGQFWH VTDLHLDPTY HITDDHTKVC ASSKGANASN PGPFGDVLCD SPYQLILSAF DFIKNSGQEA SFMIWTGDSP PHVVPPELST DTVINVITNM TTTIQSLFPN LQVFPALGNH DYWPQDQLPV VTSKVYNAVA NLWKPWLDEE AISTLRKGGF YSQKVTTNPN LRIISLNTNL YGPNIMTLN KTDPANQFEW LESTLNNSQQ NKEKVYIIAH VPGYLPSSQ NITAMREYYN EKLIDIFQKY SDVIAGQFYG HTHRDSIMVL SDKKGSPVNS LRVAPAVTPV KSVLEKQTNN PGIRLFQYDP RDYKLLDMLQ YYLNLTEANL KGESIWKLEY ILTQTYDIED LQPESLYGLA KQFTILDSKQ FIKYYNYFFV SYDSSVTCDK TCKAFQICAI MNLDNISYAD CLKQLYIKHN YVDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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