

Recombinant Human SMPDL3A protein, His-tagged

Cat. No. SMPDL3A-8598H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMPDL3A protein(Q92484) (Met1-Tyr453) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-453 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human SMPDL3A consists of 442 amino acids and predicts a molecular mass of 50.3 KDa. It migrates as an approximately 51 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	SMPDL3A sphingomyelin phosphodiesterase, acid-like 3A [Homo sapiens]
Official Symbol	SMPDL3A
Synonyms	SMPDL3A; sphingomyelin phosphodiesterase, acid-like 3A; acid sphingomyelinase-like phosphodiesterase 3a; acid sphingomyelinase like phosphodiesterase 3a; ASM3A; ASML3a; FLJ20177; yR36GH4.1; 0610010C24Rik; ASM-like phosphodiesterase 3a;
Gene ID	10924
mRNA Refseq	NM_006714
Protein Refseq	NP_006705
MIM	610728
UniProt ID	Q92484

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SDS-PAGE

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