

## Recombinant Human SMPDL3A protein(Met1-Tyr453), His-tagged

Cat. No. SMPDL3A-5573H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SMPDL3A (Q92484) (Met1-Tyr453) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Tyr453
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**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.

## 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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