

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

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

SPECIFICATION

Product Overview	Recombinant Human SMPDL3A (Q92484) (Met1-Tyr453) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Tyr453
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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