

Recombinant Mouse Smpdl3a Protein, His-tagged

Cat. No. Smpdl3a-1017M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Smpdl3a (NP_065586.3) (Met1-Leu445) was expressed with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-445 a.a.
Predicted N Terminal	Val 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Smpdl3a consists 434 amino acids and predicts a molecular mass of 49.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 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 \[Mus musculus \]](#)

Official Symbol [Smpdl3a](#)

Synonyms

SMPDL3A; sphingomyelin phosphodiesterase, acid-like 3A; acid sphingomyelinase-like phosphodiesterase 3a; ASM-like phosphodiesterase 3a; ASM3A; ASML3; ASML3A; AI529588; 0610010C24Rik;

Gene ID [57319](#)

mRNA Refseq [NM_020561](#)

Protein Refseq [NP_065586](#)

MIM

UniProt ID

Function

hydrolase activity; hydrolase activity, acting on glycosyl bonds; sphingomyelin phosphodiesterase activity;

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