

## Recombinant Mouse Smpdl3a protein

**Cat. No.** Smpdl3a-4820M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Smpdl3a protein(P70158)(23-445 aa) was expressed in Yeast.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 23-445 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AASequence</b>       | VPLAPADR APAVGQFWHV TDLHLDPTYH ITDDRTKVCA SSKGANASNP<br>GPFGDVLCDS PYQLILSAFD FIKNSGQEAS FMIWTGDSPP HVPVPELSTG<br>TVIKVITNMT MTVQNLFPNL QVFPALGNHD YWPQDQLPIV TSKVYSAVAD<br>LWKPWLGEAA ISTLKKGGFY SQKVASNPGL RIISLNTNLY YGPNIMTLNK<br>TDPANQFEWL ENTLNSSLWN KEKVYIIAHV PVGYLPYATD TPAIRQYYNE<br>KLLDIFRRYS SVIAGQFYGH THRDLSMLVLS DKNGNPLNSV FVAPAVTPVK<br>GVLQKETNNP GVRLFQYKPG DYTLLDMVQY YLNLTEANLK GESNWTLEYV<br>LTQAYSVADL QPKSLYALVQ QFATKDSKQF LKYYHYFVS YDSSATCDQH<br>CKTLQVCAIM NLDSMSYDDC LKQHL |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                            |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

**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

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