

## Recombinant Human SMPD1 protein, His-tagged

Cat. No. SMPD1-7354H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SMPD1 protein(P13693)(1-172aa), fused with N-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-172aa
<b>Tag</b>	N-His
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	23.2 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**AA Sequence**  
 MIIYRDLISHDEMFSDIYKIREIADGLCLEVEGKMVSRTEGNIDDSLIGGNASAEGPEG  
 EGTESTVITGVDIVMNHHLQETSFTKEAYKKYIKDYMKSIKGLKLEEQRPERVKPFMTG  
 AAEQIKHILANFKNYQFFIGENMNPDGMVALLDYREDGVTPYMIFFKDGLEMEKC

## GENE INFORMATION

**Gene Name** [SMPD1 sphingomyelin phosphodiesterase 1, acid lysosomal \[ Homo sapiens \]](#)

**Official Symbol** [SMPD1](#)

**Synonyms** [SMPD1](#); sphingomyelin phosphodiesterase 1, acid lysosomal; sphingomyelin phosphodiesterase; acid sphingomyelinase; ASM; NPD; ASMASE;

**Gene ID** [6609](#)

**mRNA Refseq** [NM\\_000543](#)

**Protein Refseq** [NP\\_000534](#)

**MIM** [607608](#)

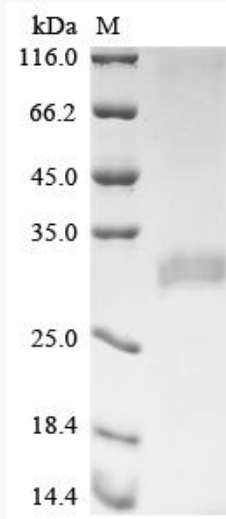
**UniProt ID** [P17405](#)

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**SDS-PAGE**



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