

Recombinant Human SMPD1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SMPD1 protein(P13693)(1-172aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-172aa
Tag	N-His
Form	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.
Molecular Mass	23.2 kDa
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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

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

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

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

MIIYRDLISHDEMFSDIYKIREIADGLCLEVEGKMVSRTEGNIDDSLIGGNASAEPEG
EGTESTVITGVDIVMNHHLQETSFTKEAYKKYIKDYMKSIKGLKEEQRPERVKPFMTG
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

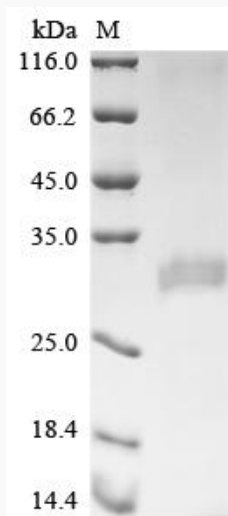
MIM 607608

UniProt ID P17405

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SDS-PAGE

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