

Recombinant Human SMPD4, His-tagged

Cat. No. SMPD4-2821H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMPD4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	SMPD4 sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3) [Homo sapiens]
Official Symbol	SMPD4
Synonyms	SMPD4; sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3); sphingomyelin phosphodiesterase 4; FLJ20297; FLJ20756; KIAA1418; NET13; nSMase 3; NSMASE3; SKNY protein; neutral sphingomyelinase

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	3; neutral sphingomyelinase III; NSMASE-3;
Gene ID	55627
mRNA Refseq	NM_001171083
Protein Refseq	NP_001164554
MIM	610457
UniProt ID	Q9NXX4
Chromosome Location	2q21.1
Pathway	Glycosphingolipid metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid metabolism, organism-spec
Function	hydrolase activity; metal ion binding; sphingomyelin phosphodiesterase D activity; sphingomyelin phosphodiesterase activity;