

## Recombinant Human SMPD4, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	SMPD4 sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3) [ Homo sapiens ]
<b>Official Symbol</b>	SMPD4
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">55627</a>
<b>mRNA Refseq</b>	<a href="#">NM_001171083</a>
<b>Protein Refseq</b>	<a href="#">NP_001164554</a>
<b>MIM</b>	<a href="#">610457</a>
<b>UniProt ID</b>	<a href="#">Q9NXE4</a>
<b>Chromosome Location</b>	2q21.1
<b>Pathway</b>	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
<b>Function</b>	hydrolase activity; metal ion binding; sphingomyelin phosphodiesterase D activity; sphingomyelin phosphodiesterase activity;

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