



Recombinant Human Sphingomyelin phosphodiesterase (SMPD1)

Product Code	CSB-BP021845HU
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P17405
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	LALSDSRVLWAPAEAHPLSPQGHPARLHRIVPRLRDVFGWGNLTCPICKGLFT AINLGLKKEPNVARVGSVAIKLCNLLKIAPPAVCQSIVHLFEDDMVEVWRRSVL SPSEACGLLLGSTCGHWDIFSSWNISLPTVPKPPPSPAPGAPVSRILFLT DLHWDHDYLEGTDPCADPLCCRRGSLPPASRPGAGYWGEYSKCDLPLRT LESLLSGLGPAGPFDMVYWTGDIPAHDVWHQTRQDQLRALTTVTALVRKFLG PVPVYPAVGNHSTPVNSFPPFIEGNHSSRWLYEAMAKAWEPWLPAEALRT LRIGGFYALSPYPGLRLISLNMNFCSRENFWLLINSTDPAGQLQWLVGELQAA EDRGDKVHIIGHIPPGHCLKSWSWNYYRIVARYENTLAAQFFGHTHVDEFEVF YDEETLSRPLAVAFLAPSATTYIGLNPGYRVYQIDGNYSGSSHVVLDHETYILNL TQANIPGAIPHWQLLYRARETYGLPNTLPTAWHNLVYRMRGDMQLFQTFWFL YHKGHPPEPCGTPCRLATLCAQLSARADSPALCRHLMPDGSLEPAQSLWPR PLFC
Source	Baculovirus
Target Names	SMPD1
Protein Names	Recommended name: Sphingomyelin phosphodiesterase EC= 3.1.4.12Alternative name(s): Acid sphingomyelinase Short name= aSMase
Expression Region	47-631aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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