



Recombinant Sphingomyelinase C (sph)

Product Code	CSB-MP318181BQJ
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P11889
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus
Purity	>85% (SDS-PAGE)
Sequence	EAS TNQNDTLKV M THNVYMLSTN LYPNWGQTER ADLIGAADYI KNQDVVILNE VFDNSASDRL LGNLKKEYPN QTAVLGRSSG SEWDKTLGNY SSSTPEDGGV AIVSKWPIAE KIQYVFAKGC GPDNLSNKG F VYTKIKKNDR FVHVIGTHLQ AEDSMCGKTS PASVRTNQLK EIQDFIKNKN IPNNEYVLIG GDMNVNKINA ENNDSEYAS MFKTLNASVP SYTGHTATWD ATTNSIAKYN FPDSPA EYLD YIIASKDHAN PSYIENKVLQ PKSPQWTVTS WFQKYTYNDY SDDYPVEATI SMK
Source	Mammalian cell
Target Names	sph
Protein Names	Recommended name: Sphingomyelinase C Short name= SMase EC= 3.1.4.12 Alternative name(s): Cereolysin B SMPLC Sphingomyelin phosphodiesterase
Expression Region	28-333
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	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.