



Recombinant Human Sphingomyelin phosphodiesterase 3 (SMPD3)

Product Code	CSB-MP878920HU
Abbreviation	SMPD3
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.	Q9NY59
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MVLYTTPFPN SCLSALHCVS WALIFPCYWL VDRLAASFIP TTYEKQRAD DPCCLQLLCT ALFTPIYLAL LVASLPFAFL GFLFWSPLQS ARRPYIYSRL EDKGLAGGAA LLSEWKGTGP GKSFCFATAN VCLLPDSLAR VNNLFNTQAR AKEIGQRIRN GAARPQIKIY IDSPTNTSIS AASFSSLVSP QGGDGVARAV PGSIKRTASV EYKGDGGRHP GDEANGPAS GDPVDSSSPE DACIVRIGGE EGGRPPEADD PVPGGQARNG AGGGPRGQTP NHNQQDGDGSG SLGSPSASRE SLVKGRAGPD TSASGEPGAN SKLLYKASVV KAAAARRRRH PDEAFDHEVS AFFPANLDFL CLQEVFDKRA ATKLKEQLHG YFEYILYDVG VYGCQGCCSF KCLNSGLLFA SRYPIIMDVAY HCYPNKCNDL ALASKGALFL KVQVGSTPQD QRIVGYIACT HLHAPQEDSA IRCGQLDLLQ DWLADFRKST SSSSAANPEE LVAFDVCGD FNFNDCSSDD KLEQQHSLFT HYRDPCRLGP GEEKPWAIGT LLDTNGLYDE DVCTPDNLQK VLESEEGRRE YLAFPTSKSS GQKGRKELLK GNGRRIDYML HAEGLCPDW KAEVEEFSFI TQLSGLTDHL PVAMRLMVSS GEEEA
Source	Mammalian cell
Target Names	SMPD3
Protein Names	Recommended name: Sphingomyelin phosphodiesterase 3 EC= 3.1.4.12 Alternative name(s): Neutral sphingomyelinase 2 Short name= nSMase-2 Short name= nSMase2 Neutral sphingomyelinase II
Expression Region	1-655
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 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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