



# Recombinant Human Sphingomyelin phosphodiesterase 3 (SMPD3)

<b>Product Code</b>	CSB-MP878920HU
<b>Abbreviation</b>	SMPD3
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9NY59
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MVLYTTPFPN SCLSALHCVS WALIFPCYWL VDRLAASFIP TTYEKRQRAD DPCCLQLLCT ALFTPIYLAL LVASLPFAFL GFLFWSPLQS ARRPYIYSRL EDKGLAGGAA LLSEWKGTGP GKSFCFATAN VCLLPDSLAR VNNLFNTQAR AKEIGQRIRN GAARPQIKIY IDSPTNTSIS AASFSSLVSP QGGDGVAV PGSIKRTASV EYKGDGGRHP GDEAANGPAS GDPVDSSSPE DACIVRIGGE EGGRPPEADD PVPGGQARNG AGGGPRGQTP NHNQDGDGSDG SLGSPSASRE SLVKGRAGPD TSASGEPGAN SKLLYKASVV KAAAARRRRH PDEAFDHEVS AFFPANLDFL CLQEVFDKRA ATKLKEQLHG YFEYILYDVG VYGCQGCCSF KCLNSGLLFA SRYPIIMDVAY HCYPNKCNDL ALASKGALFL KVQVGSTPQD QRIVGYIACT HLHAPQEDSA IRCGQLDLLQ DWLADFRKST SSSSAANPEE LVAFDVCGD FNFDNCSSDD KLEQQHSLFT HYRDPCRLGP GEEKPWAIGT LLDTNGLYDE DVCTPDNLQK VLESEEGRRE YLAFPTSKSS GQKGRKELLK GNGRRIDYML HAEGLCPDW KAEVEEFSFI TQLSGLTDHL PVAMRLMVSS GEEEA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SMPD3
<b>Protein Names</b>	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
<b>Expression Region</b>	1-655
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.

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