



Recombinant Rat Sphingosine kinase 1 (Sphk1)

Product Code	CSB-YP022564RA
Abbreviation	Sphk1
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.	Q91V26
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MQPADCPRGL LPRPCRVLVL LNPRGGKGA LKLFQSRVRP LLEEAEVSFK LMLTERQNHA RELVCAEELG HWDALAVMSG DGLMHEVVNG LMERPDWESA IQKPLCSLPG GSGNALAASL NYYAGHEQVT NEDLLINCTL LLCCRQLSPM NLLSLHTASG RQLYSVLSLS WGFVADVDLE SEKYRSLGEI RFTVGTFFRL ASLRIYQGQL AYLPVGKAAS KIPASSLAQK GPANTYLVPL EEPVPPHWTV VPEQDFVLVL VLLHHTLSTE MFAAPMGRCE AGVMHLFYIR AGVSRAMLVR LFLAMQKGKH MDLDCPYLVH VPVVAFRLEP RNQRGVFSVD GELMVCEAVQ GQVHPNYLWM VSGSSDSPSG RDSQRRPPE EPI
Source	Yeast
Target Names	Sphk1
Protein Names	Recommended name: Sphingosine kinase 1 Short name= SK 1 Short name= SPK 1 EC= 2.7.1.91
Expression Region	1-383
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	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.