



# Recombinant Human Sphingosine kinase 2 (SPHK2)

<b>Product Code</b>	CSB-MP022565HU
<b>Abbreviation</b>	SPHK2
<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>	Q9NRA0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNGHLEAEEQ QDQRPDQELT GSWG HGPRST LVR AKAMAPP PPPLAASTPL LHGEFGSYPA RGPRFALT LT SQALHIQRLR PKPEARPRGG LVPLAEVSGC CTLRSRSPSD SAAYFCIYTY PRGRRGARRR ATRTFRADGA ATYEENRAEA QRWATALTCL LRGLPLPGDG EITPDLLPRP PRLLLL VNP F GGRGLAWQWC KNHVLP MISE AGLSFNLIQT ERQNHARELV QGLSLSEWDG IVTVSGDGLL HEVLNGLLDR PDWEEAVKMP VGILPCGSGN ALAGAVNQHG GFEPALGLDL LLNCSLLLCR GGGHPLDLLS VTLASGSR CF SFLSVAWGFV SDVDIQSERF RALGSARFTL GTVLGLATLH TYRGRLSYLP ATVEPASPTP AHSLPRAKSE LTLTPDPAPP MAHSPLHR SV SDLPLPLPQP ALASPGSPEP LPILSLNGGG PELAGDWGGA GDAPLSPDPL LSSPPGSPKA ALHSPVSEGA PVIPPSSGLP LPTPDARVGA STCGPPDHLL PPLGTPLPPD WVTLEGDFVL MLAISPSHLG ADLVAAPHAR FDDGLVHLCW VRSGISRAAL LRLFLAMERG SHFSLGCPQL GYAAARAFRL EPLTPRGVLT VDGEQVEYGP LQAQMHPGIG TLLTGPPGCP GREP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SPHK2
<b>Protein Names</b>	Recommended name: Sphingosine kinase 2 Short name= SK 2 Short name= SPK 2 EC= 2.7.1.91
<b>Expression Region</b>	1-654
<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.

### Shelf Life

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