



Recombinant *Drosophila melanogaster* Selenide, water dikinase 2 (Sps2)

Product Code	CSB-MP894706DLU
Abbreviation	Sps2
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.	Q9VKY8
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	≥85% (SDS-PAGE)
Sequence	MFQPEKHGLE PDFQLTKFTT HTGUSCKIPQ KVLEKYLRGT EIENKNNDGY LIGSGMDCAV IPLKRHKDYL LIQTVDFYYP MVNDPELLGR IALANVLSDV YAVGVTQFDT VEMIVSTSTS FSEKERDVVI GLVMKGFQNS LKANGYRNTNTP LIIRQLKINP WCIIGGIATS VCRSEEIILP SNAQPGDVLV LTKPLGGQMA MDAHLWQLNQ TEKYKLLSE CSDADIKETF EIAVKSMTYL NKNAALLMHK YQAHCATDIT GFGLLGHANN LAQFQKEKVL FQINKLPIIK NVLKFSTLVG QSTKFRSGRS VETSGGLLIC LPADAADKFC RDFEETNGE QKSFQIGHVT AANESDAVLC EDVEFIEVSL
Source	Mammalian cell
Target Names	Sps2
Protein Names	Recommended name: Selenide, water dikinase 2 EC= 2.7.9.3 Alternative name(s): Selenium donor protein 2 Short name= Dsps2 Selenophosphate synthase 2
Expression Region	1-370
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.