



Recombinant Zea mays Sucrose-phosphatase 1 (SPP1)

Product Code	CSB-EP884318ZAX
Abbreviation	SPP1
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.	Q9FQ11
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MDKLSGSARL MIVSDDLHTM VDHHDEENLS LLRFGALWES VYCEDSLLVF STGRSPTLYK ELRKEKPMLT PDITIMSVGT EITYGEAMVP DDGWEEYLNN KWDRNIVVAE TVSFSELKLQ PETEQRP HKV SFFVDKKN AQ EVIKSVAERL DKCGLDAKII YSGGQDL DIL PQGAGKGQAL AYLLEKLSSC GKPPNNTLVC GDSGND AELF SIPGVHGMV SNAQEELLQW YTENAKDNPK IHSNERCAA GIIQAIGHFK LGPNISPRDL QFPYAKEASF KPTDAVVKFY VLYEKWRRAE VPKSDSVIKY FKNITHANGV TIHPAGLELS LHASIDALGS CYGDKQGRKY RAWVDRLFIT QTGSDSWVGR FDLWESEGDV RVCSLSSLAL ILKAESPEGF VLTHIQKTWL NGYSSGVEQA FKL
Source	E.coli
Target Names	SPP1
Protein Names	Recommended name: Sucrose-phosphatase 1 Short name= ZmSPP1 EC= 3.1.3.24
Expression Region	1-423
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.