



Recombinant Zea mays Fructokinase-1 (FRK1)

Product Code	CSB-EP747706ZAX
Abbreviation	FRK1
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.	Q6XZ79
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MAAGRELVVS FGEMLIDFVP TVAGVSLAEA PAFLKAPGGA PANVAIAVSR LGGGAAFVVGK LGDDEFGRML AAILRDNGVD DGGVVFDSGA RTALAFVTLR ADGEREFMFY RNPSADMLLT ADELNVELIK RAAVFHYGSI SLIAEPCRTA HLRAMEIAKE AGALLSYDPN LREALWPSRE EARTQILSIW DQADIVKVSE VELEFLTGID SVEDDVVMKL WRPTMKLLLV TLGDQGCKYY ARDFHGAVPS FKVQQVDTTG AGDAFVGALL QRIVKDPSSL QDEKKLVESI KFANACGAIT TTKKGAIPSL PTEAEVLQLI EKA
Source	E.coli
Target Names	FRK1
Protein Names	Recommended name: Fructokinase-1 EC= 2.7.1.4 Alternative name(s): ZmFRK1
Expression Region	1-323
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.