



Recombinant Zea mays Polycomb group protein FIE1 (FIE1)

Product Code	CSB-EP823817ZAX-B
Abbreviation	FIE1
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.	Q8VZY7
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MPPSKARRKR SLRDITATVA TGTVANSKPG SSSTNEGKQQ DKKKEGPQEP DIPPLPPVVV NIVPRQGLGC EVVEGLLVPS RKREYKPNSK YTVGNHPIYA IGFNFIDMRY YDVFAIASCN SVIIRCLLEN GGFGLLQNYV DEDKDESFYT LSWTIDQVDS SPLLVAAAGSN RIIRVINCAT EKLDKSLVGH GGSIEIRTH ASKPSLIISA SKDESIRLWN VHTGICILVF AGAGGHRHDV LSVDFHPTVEV GIFASCGMDN TVKIWSMKEF WIYVEKSYSW TGHPSKFPTR NIQFPVLTA VHSDYVDCTR WLGDFFILSKS VKNVALLWEP KPDKRRPGEG SVDVLQKYPV PKCSLWFMKF SCDFYSNQMA IGNNKGEIYV WEVQSSPPVL IDRLCNQECK SPIRQTAVSF DGSTILGAAD DGAIWRWDEV DPAASSSKPD QAAAPAAGVG AGAGADADAD A
Source	E.coli
Target Names	FIE1
Protein Names	Recommended name: Polycomb group protein FIE1 Alternative name(s): Protein FERTILIZATION-INDEPENDENT ENDOSPERM 1
Expression Region	1-461
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.