



Recombinant Arabidopsis thaliana Transcription factor FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FACTOR (FIT)

Product Code	CSB-EP611716DOA-B
Abbreviation	FIT
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.	Q0V7X4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MEGRVNALSN INDLELHNFL VDPNFDQFIN LIRGDHQTID ENPVLDLFDLG PLQNSPCFID ENQFIPTVD DLFDELPDLD SNVAESFRSF DGDSVRAGGE EDEEDYNDGD DSSATTTNND GTRKTKTDRS RTLISERRRR GRMKDKLYAL RSLVFNITKM DKASIVGDAV LYVQELQSQA KKLKSDIAGL EASLNSTGGY QEHPDAQKT QPFRGINPPA SKKIIQMDVI QVEEKGFYVR LVCNKGEGVA PSLYKSLESL TSFQVQNSNL SSPSPDTYLL TYTLDGTCFE QSLNLPNLKL WITGSELLNQG FEFIKSFT
Source	E.coli
Target Names	FIT
Protein Names	Recommended name: Transcription factor FER-LIKE IRON DEFICIENCY-INDUCED TRANSCRIPTION FACTOR Alternative name(s): Basic helix-loop-helix protein 29 Short name= AtbHLH29 Short name= bHLH 29 FER-LIKE REGULATOR OF IRON UPTAKE Tr
Expression Region	1-318
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.