



Recombinant Arabidopsis thaliana Transcription factor bHLH54 (BHLH54)

Product Code	CSB-EP818586DOA-B
Abbreviation	BHLH54
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.	Q8LEG1
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MDVFVDGELE SLLGMFNFDQ CSSSKEERPR DELLGLSSLY NGHLLHQHQHH NNVLSSDHHA FLLPDMFPFG AMPGGNLPAM LDSWDQSHHL QETSSLKRKL LDVENLCKTN SNCDVTRQEL AKSKKKQRVS SESNTVDESN TNWVDGQSLS NSSDDEKASV TSVKKGKTRAT KGTATDPQSL YARKRREKIN ERLKTLQNLV PNGTKVDIST MLEEAVHYVK FLQLQIKLLS SDDLWMYAPL AYNGLDMGFH HNLLSRML
Source	E.coli
Target Names	BHLH54
Protein Names	Recommended name: Transcription factor bHLH54 Alternative name(s): Basic helix-loop-helix protein 54 Short name= AtbHLH54 Short name= bHLH 54 Transcription factor EN 114 bHLH transcription factor bHLH054
Expression Region	1-258
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.