



# Recombinant Arabidopsis thaliana Transcription factor PIF7 (BHLH72)

<b>Product Code</b>	CSB-EP704112DOA-B
<b>Abbreviation</b>	BHLH72
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q570R7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSNYGVKELT WENGQLTVHG LGDEVEPTTS NNPIWTQSLN GCETLESVVH QAALQQPSKF QLQSPNGPNH NYESKDGSCS RKRGYEQEMD RWFVQEEESH RVGHSVTASA SGTNMSWASF ESGRSLKTAR TGDRDYFRSG SETQDTEGDE QETRGEAGRS NGRRGRAAAI HNESERRRRD RINQRMRTLQ KLLPTASKAD KVSILDDVIE HLKQLQAQVQ FMSLRANLPQ QMMIPQLPPP QSVLSIQHQQ QQQQQQQQQQ QQQQQFQMSL LATMARMGMG GGGNGYGGLV PPPPPPPMMV PPMGNRDCTN GSSATLSDPY SAFFAQTMMN DLYNKMAAAI YRQQSDQTTK VNIGMPSSSS NHEKRD
<b>Source</b>	E.coli
<b>Target Names</b>	BHLH72
<b>Protein Names</b>	Recommended name: Transcription factor PIF7 Alternative name(s): Basic helix-loop-helix protein 72 Short name= AtbHLH72 Short name= bHLH 72 Phytochrome-interacting factor 7 Transcription factor EN 109 bHLH transcription f
<b>Expression Region</b>	1-366
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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