



# Recombinant Arabidopsis thaliana Transcription factor PIF5 (PIF5)

<b>Product Code</b>	CSB-EP772821DOA-B
<b>Abbreviation</b>	PIF5
<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>	Q84LH8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEQVFADWNF EDNFHMSTNK RSIRPEDELV ELLWRDGGQVV LQSQARREPS VQVQTHKQET LRKPNIFLD NQETVQKPNY AALDDQETVS WIQYPPDDVI DPFESEFSSH FFSSIDHLGG PEKPRTIEET VKHEAQAMAP PKFRSSVITV GPSHCGSNQS TNIHQATTLP VSMSDRSKNV EERLDTSSGG SSGCSYGRNN KETVSGTSVT IDRKRKHVMD ADQESVSQSD IGLTSTDDQT MGNKSSQRSG STRRSRAAEV HNLSERRRRD RINERMKALQ ELIPHCSRTD KASILDEAID YLKSLQMLQ VMWMGSGMAA AAAAAASPMM FPGVQSSPYI NQMAMQSQMQ LSQFPVMNRS APQNHPGLVC QNPVQLQLQA QNQILSEQLA RYMGGIPQMP PAGNQMOTVQ QQPADMLGFG SPAGPQSCLS APATTDLSLHM GKIG
<b>Source</b>	E.coli
<b>Target Names</b>	PIF5
<b>Protein Names</b>	Recommended name: Transcription factor PIF5 Alternative name(s): Basic helix-loop-helix protein 65 Short name= AtbHLH65 Short name= bHLH 65 Phytochrome interacting factor-like 6 Phytochrome-interacting factor 5 Transcript
<b>Expression Region</b>	1-444
<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.



## Shelf Life

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