



Recombinant Arabidopsis thaliana Transcription factor BPE (BPE)

Product Code	CSB-EP612584DOA-B
Abbreviation	BPE
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.	Q0JXE7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MDPSGMMNEG GPFNLAEIWQ FPLNGVSTAG DSSRRSFVGP NQFGDADLTT AANGDPARMS HALSQAVIEG ISGAWKRRED ESKSAKIVST IGASEGENKR QKIDEVCDGK AEAESLGTET EQKKQQMEPT KDYIHVRARR GQATDSHSLA ERARREKISE RMKILQDLVP GCNKVIGKAL VLDEIINYIQ SLQRQVEFLS MKLEAVNSRM NPGIEVFPPK EVMILMIINS IFSIFFTKQY MFLSRYSRGR SLDVYAVRSF KHCNKRS DLC FCSCSPKTEL KTTIFSQNMT CFCRYSRVGV AISSSKHCNE PVTLCFYSYC LRKIYHLLW NLKYKIQKSV LFS
Source	E.coli
Target Names	BPE
Protein Names	Recommended name: Transcription factor BPE Alternative name(s): Basic helix-loop-helix protein 31 Short name= AtbHLH31 Short name= bHLH 31 Protein BIG PETAL Transcription factor EN 88 bHLH transcription factor bHLH031
Expression Region	1-343
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.