



Recombinant Arabidopsis thaliana Transcription factor SAC51 (SAC51)

Product Code	CSB-MP880797DOA
Abbreviation	SAC51
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.	Q9FMF4
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MPLDKRQRDL PLGLSPQACF KDIVGRSVLP RIPLPELGKL YAAKLQARCL QPPPFQSLLC SHDKESYGKR FSRSDMRSWC AAATTTTTPL GALESSQKRL LIFDQSGDQT RLLQCPFPLR FPSHAAAEV KLSELQGIEK AFKEDGEEFH KSDGTESEMH EDTEEINALL YSDDDYDDDC ESDDEVMTSG HSPYPNEGVC NKRELEEIDG PCKRQKLLDK VNNISDLSSL VGTESSTQLN GSSFLKDKKL PESKTISTKE DTGSGLSNEQ SKKDKIRTAL KILESVPGA KGNEALLLLD EADYLLKLLK RDLISTEVKN QSSTTHKSPI LLLKETTWTG RNLQTDKA
Source	Mammalian cell
Target Names	SAC51
Protein Names	Recommended name: Transcription factor SAC51 Alternative name(s): Basic helix-loop-helix protein 142 Short name= AtbHLH142 Short name= bHLH 142 Protein SUPPRESSOR OF ACAULIS 51 Transcription factor EN 128 bHLH transcripti
Expression Region	1-348
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.