



# Recombinant Arabidopsis thaliana Transcription factor SAC51 (SAC51)

<b>Product Code</b>	CSB-EP880797DOA-B
<b>Abbreviation</b>	SAC51
<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>	Q9FMF4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPLDKRQRDL PLGLSPQACF KDIVGRSVLP RIPLPELGKL YAAKLQARCL QPPPFQSLLC SHDKESYGKR FSRSDMRSWC AAATTTTTPL GALESSQKRL LIFDQSGDQT RLLQCPFPLR FPSHAAAEPV KLSELQGIEK AFKEDGEEFH KSDGTESEMH EDTEEINALL YSDDDYDDDC ESDDEVMTSG HSPYPNEGVC NKRELEEIDG PCKRQKLLDK VNNISDLSSL VGTESSTQLN GSSFLKDKKL PESKTISTKE DTGSGLSNEQ SKKDKIRTAL KILESVPVGA KGNEALLLLD EAIDYLKLLK RDLISTEVKN QSSTTHKSPI LLLKETTWTG RNLQTDKA
<b>Source</b>	E.coli
<b>Target Names</b>	SAC51
<b>Protein Names</b>	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
<b>Expression Region</b>	1-348
<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. 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.