



Recombinant Arabidopsis thaliana Transcription factor SPEECHLESS (SPCH)

Product Code	CSB-EP765097DOA-B
Abbreviation	SPCH
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.	Q700C7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	MQEIIPDFLE ECEFVDTSLA GDDLFAILES LEGAGEISPT AASTPKDGTT SSKELVKDQD YENSSPKRKK QRLETRKEED EEEEDGDGEA EEDNKQDGQQ KMSHVTVERN RRKQMNEHLT VLRSLMPCFY VKRGDQASII GGVVEYISEL QQVLQSLEAK KQRKTYAEVL SPRVVPSRP SPPVLSRPKP PLSPRINHHQ IHHHLLLPI SPRTQPPTSP YRAIPPQLPL IPQPPLRSYS SLASCSSLGD PPPYSPASSS SSPSVSSNHE SSVINELVAN SKSALADVEV KFSGANVLLK TVSHKIPGQV MKIIAALEDL ALEILQVNIN TVDETMLNSF TIKIGIECQL SAEELAQQIQ QTFC
Source	E.coli
Target Names	SPCH
Protein Names	Recommended name: Transcription factor SPEECHLESS Alternative name(s): Basic helix-loop-helix protein 98 Short name= AtbHLH98 Short name= bHLH 98 Transcription factor EN 19 bHLH transcription factor bHLH098
Expression Region	1-364
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.