



Recombinant *Oryza sativa* subsp. japonica Chalcone synthase 1 (CHS1)

Product Code	CSB-EP646933OFG-B
Abbreviation	CHS1
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.	Q2R3A1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	MAAAVTVEEV RRAQRAEGPA TVLAIGTATP ANCVYQADYP DYYFRITKSE HMVELKEKFK RMCCKSQIRK RYMHLTEEIL QENPNMCAYM APSLDARQDI VVVEVPKLGK AAAQKAIKEW GQPRSRITHL VFCTTSGVDM PGADYQLAKM LGLRPNVNRL MMYQQGCFAG GTVLRVAKDL AENNRGARVL AVCSEITAVT FRGPSESHLD SMVGQALFGD GAAAVIVGSD PDEAVERPLF QMVSASQTL PDSEGAIDGH LREVGTLFHL LKDVPGLISK NIERALGDAF TPLGISDWNS IFWVAHPGGP AILDQVEAKV GLDKERM RAT RHLVSEYGNM SSACVLFILD EMRKRSAEDG HATTGEGMDW GVLFGFGPGL TVETVVLHSV PITAGAAA
Source	E.coli
Target Names	CHS1
Protein Names	Recommended name: Chalcone synthase 1 Short name= OsCHS1 EC= 2.3.1.74 Alternative name(s): Naregenin-chalcone synthase
Expression Region	1-398
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.