



Recombinant *Oryza sativa* subsp. japonica Chalcone synthase 2 (CHS2)

Product Code	CSB-EP815460OFG-B
Abbreviation	CHS2
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.	Q8H4L3
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MVTSTVKLEE VRRMQRAEGM AAVLAIGTAT PANCVYQTDY PDYYFRVTNS EHLTNLKERF QRMCESSQIR KRYTHLTEEI LQENPSMCFV TAPSLDARQD MVVAEVPKLG KAAAEAEIKE WGQPMSRITH LVFCTTNGVD MPGADYQVAK MLGLPTSVKR LMMYQQGCFA GGTVLRVAKD LAENNRGARV LVVCSEIMAM AFRGPSESHL DSLVGHALFG DGAAAVIVGS DPDEAADERP LQIVSASQT ILPGTEDAIV GHLREVGLTF HLPKDVPEFI SDSVEGALTD AFMPLGVHDW NSIFWVVHPG GPAILDQVEE KVALHKARMR ASRNVLSEYG NMASATVLFV LDEMRLKSAD DGHATTGEGM DWGVLFVFGFP GLTVETIVLH SVPITAAAPL IMQ
Source	E.coli
Target Names	CHS2
Protein Names	Recommended name: Chalcone synthase 2 Short name= OsCHS2 EC= 2.3.1.74 Alternative name(s): Naregenin-chalcone synthase
Expression Region	1-403
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.