



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

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|--------------------------|--|
| Product Code | CSB-MP646933OFG |
| 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. <i>japonica</i> (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 | Mammalian cell |
| 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. |