



Recombinant *Oryza sativa* subsp. japonica Aspartic proteinase Asp1 (ASP1)

| | |
|--------------------------|--|
| Product Code | CSB-YP603804OFG |
| Abbreviation | ASP1 |
| 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. | Q0IU52 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Oryza sativa</i> subsp. japonica (Rice) |
| Purity | >85% (SDS-PAGE) |
| Sequence | PAKS YFLDIDTGST LTWLQCDAPC TNCNIVPHVL YKPTPKKLV CADSLCTDLY TDLGKPKRCG SQKQCDYVIQ YVDSSSMGVL VIDRFSLAS NGTNPTTIAF GCGYDQGKN RNVIPVDSI LGLSRGKVTLSQLKSQGVI TKHVLGHCIS SKGGGFLFFG DAQVPTSGVT WTPMNREHKY YSPGHGTLHF DSNSKAISAA PMAVIFDSGA TYTYFAAQPY QATLSVVKST LNSECKFLTE VTEKDRALTV CWKGGKDKIVT IDEVKKCFRS LSLEFADGDK KATLEIPPEH YLIISQEGHV CLGILDGSKE HLSLAGTNLI GGITMLDQMV IYDSERSLLG WVNYQCDRIP RSESAITSRL |
| Source | Yeast |
| Target Names | ASP1 |
| Protein Names | Recommended name: Aspartic proteinase Asp1 Short name= OSAP1 Short name= OsAsp1 EC= 3.4.23.- Alternative name(s): Nucellin-like protein |
| Expression Region | 47-410 |
| 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 of Mature 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. |