



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

Product Code	CSB-EP603804OFG
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 GCGYDQGKKN RNVPIVDSI LGLSRGKVTLSQLKSQGVI TKHVLGHCIS SKGGGFLFFG DAQVPTSGVT WTPMNREHKY YSPGHGTLHF DSNSKAISAA PMAVIFDSGA TYTYFAAQPY QATLSVVKST LNSECKFLTE VTEKDRALTV CWKGGKDKIVT IDEVKKCFRS LSLEFADGDK KATLEIPPEH YLIISQEGHV CLGILDGSKE HLSLAGTNLI GGITMLDQMV IYDSERSLLG WVNYQCDRIP RSESAITSRL
Source	E.coli
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.