



Recombinant Apis mellifera Major royal jelly protein 1 (MRJP1)

Product Code	CSB-EP522725DNK-B
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.	O18330
Product Type	Recombinant Protein
Immunogen Species	Apis mellifera (Honeybee)
Purity	>85% (SDS-PAGE)
Sequence	NILRGESLNKSLPILHEWKFFDYDFGSDERRQDAILSGEYDYKNNYPSDIDQW HDKIFVTMLRYNGVPSSLNVISKKVGDDGPLLQPYPDWSFAKYDDDCSGIVSAS KLAIDKCDRLWVLD SGLVNNTQPM CSPKLLTFDLTTSQLLKQVEIPHDVAVNAT TGKGR LSSLAVQSLDCNTNSDTMVYIADEKGEGLIVYHNSDDSFHRLTSNTFD YDPKFTKMTIDGESYTAQDGISGMALSPMTNNLYSPVASTSLYYVNTQEQFRT SDYQQNDIHYEGVQNILD TQSSAKV VSKSGV LFFGLVGDSALGCWNEHRTLE RHNIRTVAQSDETLQMIASMKIKEALPHVPIFDRIYINREYILVLSNKMQKMNND FNFDDVNFRIMNANVNELILNTRCENPDNDRTPFKISIH L
Research Area	Others
Source	E.coli
Target Names	MRJP1
Protein Names	Recommended name: Major royal jelly protein 1 Short name= MRJP-1 Alternative name(s): 56-kDa protein 4 Short name= p56kP-4 Bee-milk protein Royalactin Cleaved into the following 3 chains: 1. Jellein-1 Alternative name(s):
Expression Region	20-432aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? 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.