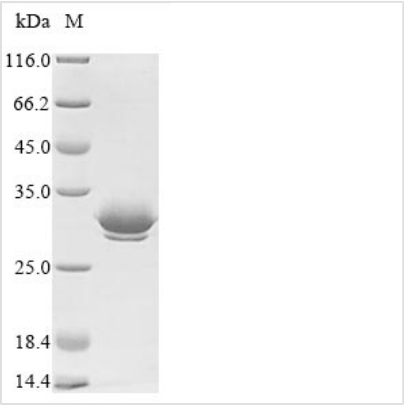
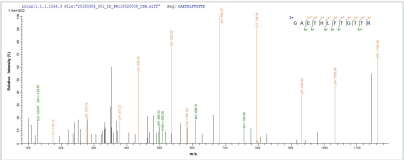
Recombinant Viscum album Beta-galactoside-specific lectin 1, partial

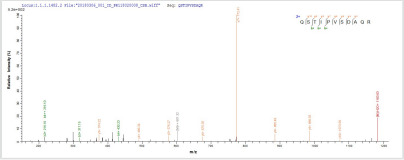
Product Code	CSB-YP305846VDO
Relevance	The A chain is responsible for inhibiting protein synthesis through the catalytic inactivation of 60S ribosomal subunits by removing adenine from position 4,324 of 28S rRNA. The B chain binds to cell receptors and probably facilitates the entry into the cell of the A chain; B chains are also responsible for cell agglutination (lectin activity). Inhibits growth of the human tumor cell line Molt4.
Abbreviation	Recombinant Viscum album Beta-galactoside-specific lectin 1 protein, partial
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.	P81446
Product Type	Recombinant Protein
Immunogen Species	Viscum album (European mistletoe)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YERLRLRVTHQTTGEEYFRFITLLRDYVSSGSFSNEIPLLRQSTIPVSDAQRFVL VELTNEGGDSITAAIDVTNLYVVAYQAGDQSYFLRDAPRGAETHLFTGTTRSSL PFNGSYPDLERYAGHRDQIPLGIDQLIQSVTALRFPGGSTRTQARSILILIQMISE AARFNPILWRARQYINSGASFLPDVYMLELETSWGQQSTQVQQSTDGVFNNP IRLAIPPGNFVTLTNVRDVIASLAIMLFVCGERPSSS
Research Area	Others
Source	Yeast
Protein Names	Beta-galactoside-specific lectin I Viscumin
Expression Region	34-287aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	30.4 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP305846VDO could indicate that this peptide derived from Yeast-expressed Viscum album (European mistletoe) N/A.



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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

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