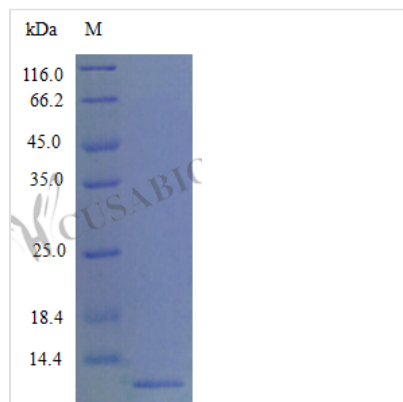




Recombinant Mouse C-C motif chemokine 22 protein (Ccl22)

Product Code	CSB-AP001351MO
Abbreviation	Recombinant Mouse Ccl22 protein
Uniprot No.	O88430
Storage Buffer	0.2 μm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl, lyophilized
Product Type	Chemokines
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Not Test
Purity	>97% as determined by SDS-PAGE.
Sequence	GPYGANVEDS ICCQDYIRHP LPSRLVKEFF WTSKSCRKPG VVLITVKNRD ICADPRQVWV KKLLHKLS
Research Area	Immunology
Source	E.Coli
Target Names	Ccl22
Expression Region	25-92aa
Tag Info	Tag-Free
Mol. Weight	7.8 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	9687523; 15489334

Image



Description

The recombinant Mouse Ccl22,Abcd1,Scya22 was expressed with the amino acid range of 25-92. The theoretical molecular weight of the Ccl22,Abcd1,Scya22 protein is 7.8 kDa. The Ccl22,Abcd1,Scya22 protein was expressed in e.coli. The Ccl22,Abcd1,Scya22 coding gene included the Tag-



Free, which simplifies the detection and purification processes of the recombinant Ccl22,Abcd1,Scya22 protein in following stages of expression and purification.

Mouse C-C motif chemokine 22 (Ccl22) is a small cytokine belonging to the CC chemokine family. It plays a key role in immune regulation and inflammation. Ccl22 is primarily secreted by dendritic cells, macrophages, and certain other immune cells. Its main function is to attract and modulate the activity of immune cells, particularly T lymphocytes, by binding to its receptor, CCR4. Research areas involving Ccl22 focus on understanding its role in immune responses, inflammation, and various diseases, including autoimmune disorders and cancer. Investigating the molecular mechanisms by which Ccl22 influences immune cell migration and function contributes to the development of potential therapeutic strategies targeting the chemokine system for immunomodulation and disease intervention.

Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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.