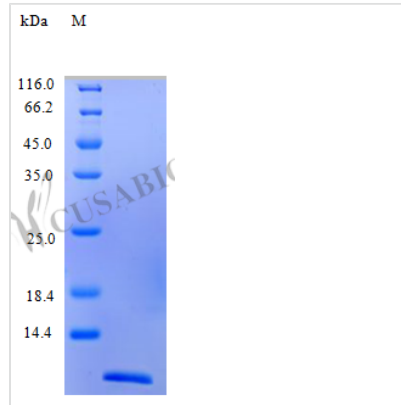




Recombinant Human C-C motif chemokine 4 protein (CCL4) (Active)

Product Code	CSB-AP000861HU
Abbreviation	Recombinant Human CCL4 protein (Active)
Uniprot No.	P13236
Form	Lyophilized powder
Storage Buffer	0.2 µm filtered 20 mM PB, pH 7.4, 150 mM NaCl ,lyophilized
Product Type	Chemokine
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 5.0-20 ng/ml.
Purity	≥96% as determined by SDS-PAGE.
Sequence	APMGSDPPTA CCFSYTARKL PRNFVVDYIE TSSLCSQPAV VFQTKRSKQV CADPSESWVQ EYVYDLELN
Research Area	Immunology
Source	E.coli
Target Names	CCL4
Expression Region	24-92aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	7.8 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	2462251; 2521882; 2521353; 2247088; 2568930; 1894635; 15843566; 16625196; 15489334; 2809212; 9521068; 8525373; 10540332; 12070155; 12401480; 8134838

Image


Endotoxin

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

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.