



Recombinant Human C-C motif chemokine 2 protein (CCL2) (Active)

Product Code	CSB-AP000821HU
Abbreviation	Recombinant Human CCL2 protein (Active)
Uniprot No.	P13500
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
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 monocytes is in a concentration range of 10-100 ng/ml.
Purity	≥96% as determined by SDS-PAGE.
Sequence	QPDAINAPVT CCYNFTNRKI SVQRLASYRR ITSSKCPKEA VIFKTIVAKE ICADPKQKWV QDSMDHLDKQ TQTPKT
Research Area	Immunology
Source	E.coli
Target Names	CCL2
Expression Region	24-99aa
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	8.7 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	2923622; 2513477; 2465924; 2518726; 2357211; 1661560; 8107690; 10918580; 14702039; 15489334; 2648385; 2322286; 2071154; 8195247; 8627182; 8898111; 9792674; 9837883; 10587439; 10529171; 15033992; 23233732; 1857712; 8639605; 8989326; 16352737

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.