



Recombinant Human C-C motif chemokine 23 (CCL23)

Product Code	CSB-EP004787HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55773
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	RVTKDAETE FMMSKLPLEN PVLLDRFHAT SADCCISYTP RSIPCSLLES YFETNSECSK PGVIFLTKKG RRFCANPSDK QVQVCVRMLK LDTRIKTRKN
Source	E.coli
Target Names	CCL23
Protein Names	Recommended name: C-C motif chemokine 23 Alternative name(s): CK-beta-8 Short name= CKB-8 Macrophage inflammatory protein 3 Short name= MIP-3 Myeloid progenitor inhibitory factor 1 Short name= MPIF-1 Small-inducibl
Expression Region	22-120
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. The protein is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. In addition, the product of this gene is a potent agonist at CC chemokine receptor 1. Two alternatively spliced variants encoding different active isoforms have been identified.
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.