

Human GCP-2 / CXCL6

Synonyms: C-X-C motif chemokine 6, Chemokine alpha 3, CKA-3, Granulocyte chemotactic protein 2, GCP-2, Small-inducible cytokine B6.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1425.950.005		
20 µg	1425.950.020		
100 µg	1425.950.100		
1 mg	1425.950.199		

Please enquire for bulk quantities and other vial sizes

Description

GCP-2 Human Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 72 amino acids and having a molecular mass of 7.9kDa.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** GCP-2 protein was lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human neutrophils is in a concentration range of 10-50 ng/ml corresponding to a specific activity of 20,000-100,000 IU/mg.

Reconstitution

It is recommended to reconstitute the lyophilized GCP-2 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized GCP-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GCP-2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

VLTELRCCTCL RVTILRVNPKT IGKLVQVFPAG PQCSKVEVVA SLKNGKQVCL DPEAPFLKKV IQKILDGSGNKN

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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