

Human GCP-2 Recombinant Protein



RPPB1140

Product Information Protein Information

Product SKU:

RPPB1140

Accession:

P80162

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

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

Formulation:

GCP-2 protein was lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility:

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 prevent freeze-thaw cycles.

Amino Acid Sequence:

VLTELRTCL RVTLRVNPKT IGKLQVFPAG PQCSKVEVVA SLKNGKQVCL DPEAPFLKKV IQKILDSGNK KN.

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.