

Recombinant Human CXL14 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50244

Size: 10ug, 100ug

Protein Name: C-X-C motif chemokine 14 (Chemokine BRAK) (MIP-2G) (Small-inducible cytokine B14)

Synonym: CXCL14, MIP2G, NJAC, SCYB14, PSEC0212, UNQ240/PRO273

UniProt ID: O95715

UniProt Link: www.uniprot.org/uniprotkb/O95715/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 111 AA

Molecular Weight: 13 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MSLLPRRAPPVSMRLAAALLLLLLALYTARVDGSKCKCSRKGPKIRYSDVKKLEMKPKYPHCEEKM
VIITTKSVSRYRGQEHCLHPKLQSTKRFIKWYNAWNEKRRVYEE

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant C-X-C motif chemokine 14 (Chemokine BRAK) (MIP-2G) (Small-inducible cytokine B14) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactic for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays.

Subcellular Localization: Secreted.

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.