



# Recombinant Protein Technical Manual

## Recombinant Human CXCL14 Protein

RPES1329

### Product Data:

**Product SKU:** RPES1329

**Size:** 10µg

**Species:** Human

**Expression host:** E. coli

**Uniprot:** O95715

### Protein Information:

**Molecular Mass:** 9.4 kDa

**AP Molecular Mass:** 15 kDa

**Tag:**

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 1M NaCl, pH 8.5.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** C-X-C Motif Chemokine 14; Chemokine BRAK<sub>m</sub> MIP-2G; Small-Inducible Cytokine B14; CXCL14; MIP2G; NJAC; SCYB14

## Immunogen Information:

**Sequence:** Ser35-Glu111

## Background:

Human Chemokine (C-X-C Motif) Ligand 14 (CXCL14) is constitutively expressed in certain normal tissues but is reduced or absent from many established tumor cell lines and human cancers. CXCL14 is known to be a chemoattractant for monocyte and dendritic cells. CXCL14 inhibits angiogenesis and exhibits antimicrobial activities. Mature human and mouse CXCL14 differ by only 2 amino acid residues.