

Recombinant human CXCR3 protein, N-Trx&His

Catalog Number: bs-42318P

Concentration: >1mg/ml

Species: Human

AA Seq: 1-53/368

Predicted MW: 24

Tags: N-Trx&His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716). [provided by RefSeq, Jun 2011].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.