

## CXC-R3 recombinant protein

Human CXC-R3 Protein, hFc Tag

CATALOG #  
**AAA47371**

HOST  
**HEK293 cells**

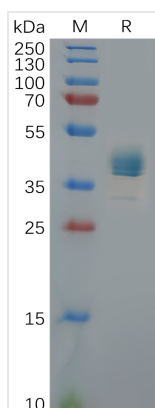
### PRODUCT SYNONYMS

CXC-R3; Human CXC-R3 Protein; hFc Tag; C-X-C chemokine receptor type 3; CXCR-3; CKR-L2; G protein-coupled receptor 9; CD183; IP-10 receptor; CXC-R3 recombinant protein

### PRODUCT SPECIFICATIONS

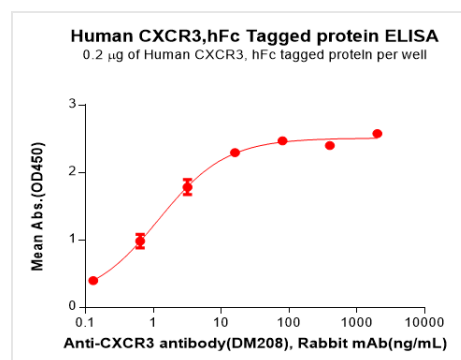
|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                 |
| Purity/Purification     | Affinity purification                                                                                        |
| Form/Format             | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. |
| Sequence                | CXC-R3(Met 1-Arg53)+h Fc(Glu99-A la330)                                                                      |
| Origin                  | Human                                                                                                        |
| Reconstitution          | Reconstitute with deionized water                                                                            |
| Tag                     | C-Human Fc                                                                                                   |
| Preparation and Storage | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)                                    |

### IMAGES



SDS-PAGE

Figure 1. Human CXCR3 Protein, hFc Tag on SDS-PAGE under reducing condition.



ELISA

Figure 1. Human CXCR3 Protein, hFc Tag on SDS-PAGE under reducing condition.

### ADDITIONAL INFORMATION

#### Related Product Information for CXC-R3 recombinant protein

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).

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 218563730                                                                                                                                                                                          |
| NCBI GeneID                      | 2833                                                                                                                                                                                               |
| NCBI Accession #                 | NP_001136269.1                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_001142797.1                                                                                                                                                                                     |
| UniProt Accession #              | P49682; O15185; Q7Z710; Q9P2T4; Q9P2T5; B2R982                                                                                                                                                     |
| Molecular Weight                 | 40,660 Da                                                                                                                                                                                          |
| NCBI Official Full Name          | C-X-C chemokine receptor type 3 isoform 2                                                                                                                                                          |
| NCBI Official Synonym Full Names | chemokine (C-X-C motif) receptor 3                                                                                                                                                                 |
| NCBI Official Symbol             | CXCR3                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | GPR9; MigR; CD182; CD183; Mig-R; CKR-L2; CMKAR3; IP10-R                                                                                                                                            |
| NCBI Protein Information         | C-X-C chemokine receptor type 3; CXC-R3; CXCR-3; Mig receptor; IP10 receptor; IP-10 receptor; G protein-coupled receptor 9; chemokine (C-X-C) receptor 3; interferon-inducible protein 10 receptor |
| UniProt Protein Name             | C-X-C chemokine receptor type 3                                                                                                                                                                    |
| UniProt Gene Name                | CXCR3                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | GPR9; CXC-R3; CXCR-3                                                                                                                                                                               |
| UniProt Entry Name               | CXCR3_HUMAN                                                                                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cxcr3-recombinant-protein-hek293-cells/47371>