

For Research Use Only

Recombinant Human CXCL5 protein (mFc Tag)



Catalog Number: Eg4041

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
mFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Human CXCL5 protein Ala37-Asn114 (Accession# P42830) with a mouse IgG Fc tag at the C-terminus.

GeneID:

6374

Accession:

P42830

Predicted Molecular Mass:

35.0 kDa

SDS-PAGE:

35-40 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

CXCL5 is a member of the ELR+ CXC chemokine family, whose members contain a highly conserved three amino acid motif (ELR+) that promotes angiogenesis and is highly associated with aberrant angiogenesis. CXCL5 is an important chemokine secreted by immune cells, such as monocytes and T lymphocytes. Recent studies indicated that CXCL5 is aberrantly expressed in >14 different types of cancer, including hepatocellular carcinoma, prostate cancer, pancreatic cancer, and gastric cancer. Antibody neutralization of CXCL5 in experimental models of human non-small-cell lung cancer decreased tumor angiogenesis and metastasis.

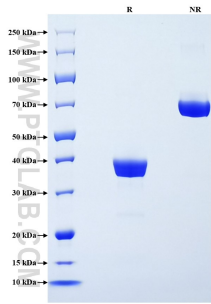
References

1. Robert M Strieter. et al. (2004) Semin Cancer Biol. 14(3):195-200.
2. R M Strieter. et al. (1995) J Biol Chem. 270(45):27348-57.
3. Morgan O'Hayre. et al. (2008) Biochem J. 2008 Feb 1;409(3):635-49.
4. Gildas Lepennetier. et al. (2019) J Neuroinflammation. 16(1):219.
5. Wen Zhang. Et al. (2020) Cancer Commun (Lond). 40(2-3):69-80.

Synonyms

CXC motif chemokine 5, C-X-C motif chemokine 5, CXCL 5, CXCL-5, ENA-78(1-78)

Selected Validation Data



Purity of Recombinant Human CXCL5 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.