

For Research Use Only

Recombinant Human CXCL3 protein (mFc Tag)



Catalog Number: Eg3891

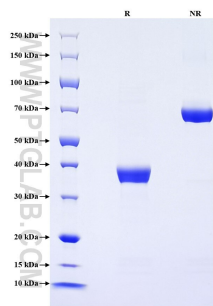
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: mFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human CXCL3 protein Ala35-Asn107 (Accession# O88792) with a mouse IgG Fc tag at the C-terminus. GenID: 2921 Accession: P19876 Predicted Molecular Mass: 34.5 kDa SDS-PAGE: 34-40 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm 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	CXCL3, also known as GRO-gamma, belongs to the CXC family of chemokines. CXCL3 is highly expressed in a variety of malignant tumors, including prostate cancer, breast cancer, and endometrial cancer. At the same time, CXCL3 has also been found to be widely present in inflammatory tissues and liver damage tissues. CXCL3 not only participates in the occurrence of tumors but also plays an important role in tumor progression. CXCL3 plays a key role in angiogenesis, tumorigenesis, and cell invasion and migration.		
References	1.Weng J. et al. (2021) J Oral Pathol Med. 50(9):902-910. 2.Cui C. et al. (2022) J Immunol Res. 2022:1336509. 3.Cheng Y. et al. (2023) BMC Cancer. 23(1):1162.		
Synonyms	CXCL/GRO Gamma, C X C motif chemokine 3, C-X-C motif chemokine 3, GRO gamma, GRO-gamma		

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

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Selected Validation Data



Purity of Recombinant Human CXCL3 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.