

Product Datasheet

Human CXCL1 Protein, Fc Tag (orb1496298)

Catalog Number	orb1496298
Category	Proteins
Description	Chemokine (C-X-C motif) ligand 1 (CXCL1) is a small molecule of cytokines belonging to the CXC chemokine family. Also known as growth-regulated oncogene alpha (Growth-regulated oncogene alpha, GROα). It's also known as keratinocytes-derived chemokine (KC) in mice or cytokine-induced neutrophil chemoattractant type-1 (CINC-1) in rats. In humans, this protein is encoded by the gene Cxcl1 and is located on human chromosome 4 among genes for other CXC chemokines. The chemokine CXCL1 is expressed by macrophages, neutrophils and epithelial cells. The chemokine CXCL1 has a chemotactic effect on neutrophils. CXCL1 binds to the chemokine receptor CXCR2 and plays a role in cell chemotaxis. Human CXCL1 is clustered on chromosome 4 adjacent to many CXC chemokine genes. Major roles of CXCL1 include neovascularization, inflammation, wound healing, and tumorigenesis.
Target	CXCL1
Conjugation	Unconjugated
Tag	C-Fc
Reactivity	Human
Form/Appearance	Powder
Buffer/Preservatives	PBS, pH 7.4
Purity	95%
UniProt ID	P09341
MW	34.3 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

Application notes	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 34.3 kDa. The protein migrates as 37-43 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Expression System	HEK293
Endotoxins	1.0 EU per µg
Expression Region	Ala 35 - Asn 107
Storage	-20°C
Note	For research use only
NCBI	P09341
Expiration Date	6 months from date of receipt.

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