

Product datasheet for **TP726824**

GRO alpha (CXCL1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human C-X-C Motif Chemokine 1/CXCL1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala35-Asn107
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mmPB,150MMNaCl,5% Trehalose,ph7.4.
Note:	Recombinant Human C-X-C Motif Chemokine 1 is produced by our Mammalian expression system and the target gene encoding Ala35-Asn107 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	2919
UniProt ID:	P09341
Summary:	Chemokine (C-X-C motif) Ligand 1 Protein (CXCL1) is a growth factor for melanoma cells and a chemotaxin for neutrophils and a member of the CXC chemokine family that is a potent neutrophil attractant and activator and is also active toward basophils. CXCL1 is expressed by macrophages, neutrophils and epithelial cells; it has neutrophil chemoattractant activity. CXCL1 plays a critical nonredundant role in the development of experimental Lyme arthritis and carditis via CXCR2-mediated recruitment of neutrophils into the site of infection and may also have important pro-nociceptive effects via its direct actions on sensory neurons, and may induce long-term changes that involve protein synthesis.



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