

Product datasheet for **TP723829**

GRO gamma (CXCL3) (NM_002090) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-X-C motif) ligand 3 (CXCL3 / GRO-gamma)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Human CXCL3, the region of Ala35-Asn107, from gene Accession# NM_002090.2
Tag:	Tag Free
Predicted MW:	7.8 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	Bioactivity was measured by its property to chemoattract human neutrophils in a dose dependent manner.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_002081
Locus ID:	2921
UniProt ID:	P19876
RefSeq Size:	1166
Cytogenetics:	4q13.3
RefSeq ORF:	321
Synonyms:	CINC-2b; GRO3; GROg; MIP-2b; MIP2B; SCYB3



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- Summary:** This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. [provided by RefSeq, Sep 2014]
- Protein Families:** Druggable Genome, Secreted Protein
- Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction