

Product datasheet for **TP723151**

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).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	ASVTELRQC CLQTLQGIHL KNIQSVNVRS PGPHCAQTEV IATLKNGKKA CLNPASPMVQ KII EKILNKG STN
Tag:	Tag Free
Predicted MW:	7.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract 293 transfected CXCR2 cells using a concentration range of 10-100 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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

Product images: