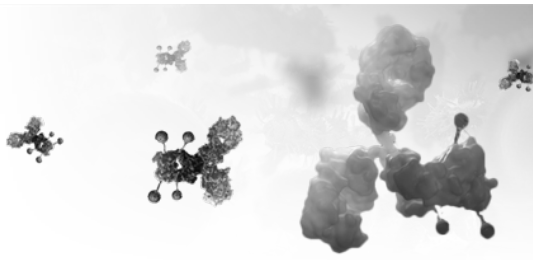

Mouse GRO alpha (full length) (DAG-P0578)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This secretory protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils. In mouse, deficiency of this gene is associated with colitis and with defects in immune cell recruitment to the lung. [provided by RefSeq, Apr 2013]
Species	Mouse
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Format	Lyophilised
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	Cxcl1 chemokine (C-X-C motif) ligand 1 [Mus musculus (house mouse)]
Official Symbol	CXCL1
Synonyms	CXCL1; chemokine (C-X-C motif) ligand 1; KC; Fsp; N51; gro; Gro1; Mgsa; Scyb1; growth-regulated alpha protein; KC/GR)-alpha; KC/GRO-alpha; GRO1 oncogene; alpha-chemokine; secretory protein N51; C-X-C motif chemokine 1; platelet-derived growth factor-inducible protein KC;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	14825
mRNA Refseq	NM_008176.3
Protein Refseq	NP_032202.1
UniProt ID	A2RTH0
Chromosome Location	5 E-F; 5 44.78 cM
Pathway	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Cytokines and Inflammatory Response (BioCarta), organism-specific biosy
Function	chemokine activity; cytokine activity; growth factor activity;

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