Datasheet for ABIN2017915
CXCL1 Protein (AA 35-107)

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Overview

Quantity:	25 μg
Target:	CXCL1
Protein Characteristics:	AA 35-107
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Characteristics:	Active, measured in a functional assay using HUVEC cells.
Purity:	> 95 % as analyzed by SDS-PAGE.
Endotoxin Level:	< 0.2 EU/μg, determined by LAL method.

Target Details

Target:	CXCL1
Abstract:	CXCL1 Products
Background:	GRO/MGSA/CXCL1 has chemotactic activity for neutrophils. It may play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. All three isoforms of GRO are CXC chemokines that can signal through the CXCR1 or CXCR2 receptors. GRO expression is inducible by serum or PDGF and/or by a variety of inflammatory mediators, such as IL-1 and TNF, in monocytes, fibroblasts, melanocytes and epithelial cells. In certain tumor cell lines, GRO

Target Details

	is expressed constitutively.
	Synonyms: Growth Regulated Protein/Melanoma Growth Stimulatory Activity, GRO alpha, MGSA alpha, CXCL1, NAP-3, GRO1, KC (murine) CINC (rat)
Molecular Weight:	7.8 kDa, observed by reducing SDS-PAGE.
UniProt:	P09341
Pathways:	Autophagy

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstituted in ddH2O or PBS at 100 µg/mL.
Buffer:	Lyophilized after extensive dialysis against PBS.
Storage:	-80 °C
Storage Comment:	Lyophilized recombinant Human GRO/MGSA/CXCL1 remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human GRO/MGSA/CXCL1 should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.
Expiry Date:	6 months