Datasheet for ABIN6699699

CXCL3 Protein

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Overview

Quantity:	10 µg
Target:	CXCL3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Human Gro g / Macrophage Inflammatory Protein-2 beta Recombinant Protein
Purification:	Gro g / Macrophage Inflammatory protein-2 beta purity was determined to be greater than 98% as determined by reducing and non-reducing SDS-pAGE.
Purity:	98,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by the ability to chemoattract human neutrophils at concentrations between 10-100 ng/mL.

Target Details

Target:	CXCL3
Alternative Name:	CXCL3 (CXCL3 Products)
Background:	Synonyms: Macrophage inflammatory protein 2-beta (MIP-2β), Growth-regulated protein gamma(GRO-gamma), GRO3 Background: Growth Regulated Proteins (GRO) are a group of three proteins, GRO-α, -β and -g,

Target Details

	that are encoded by three distinct genes. All 3 GRO proteins can bind to the same receptors, but with differing affinities, and stimulate a number of biological responses including chemotaxis, angiogenesis, and growth regulation. More specifically, GRO gamma (also called CXCL3), can act through chemokine receptor CXCR2 to promote monocyte migration and adhesion. Recombinant human GRO gamma is a non-glycosylated protein, containing 73 amino acids, with a molecular weight of 7.9 kDa.
UniProt:	P19876
Pathways:	Cellular Response to Molecule of Bacterial Origin, Autophagy

Application Details

Application Notes:	Other: User Optimized Application_Note: GRO-gamma Recombinant Protein is suitable as a control for polyclonal or monoclonal anti-GRO-gamma in immunological assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 10 µL (10-100 µL)
Buffer:	Buffer: 0.01 M Sodium Phosphate, pH 7.5 Stabilizer: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months