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Product Datasheet

Recombinant Rat CXCL1/GRO-alpha Protein, Human ABB-RP01917

Article Name	Recombinant Rat CXCL1/GRO-alpha Protein, Human
Biozol Catalog Number	ABB-RP01917
Supplier Catalog Number	RP01917
Alternative Catalog Number	ABB-RP01917-10UG, ABB-RP01917-100UG, ABB-RP01917-1000UG, ABB-RP01917-50UG, ABB-RP01917-500UG, ABB-RP01917-20UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Rat
Immunogen	Gly24-Lys96
Product Description	CXCL1, also known as KC, GRO alpha, and CINC-1, is an approximately 8 kDa proinflammatory chemokine that plays a key role in neutrophil migration and activation. Mature human CXCL1 shares 64% and 67% aa sequence identity with mouse and rat CXCL1, res...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	10.56 kDa
NCBI	81503
UniProt	P14095
Purity	95% as determined by SDS-PAGE.

Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Sequence	GAPVANELRCQCLQTVAGIHFKNISLKVMPGPHCTQTEVIATLKNGREACLDPEAPMVQKIVQKMLKGVPK
Target	CXCL1
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles., Research Area: Cytokines & Cytokine receptors