Recombinant Human CXCL4/CXCL4/PF4 Protein(Sumo Tag)

Catalog Number: PDEH100593

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description			
Species	Human		
Source	E.coli-derived Human CXCL4/CXCL4/PF4 protein Glu32-Ser101, with an N-terminal		
	Sumo		
Calculated MW	20.6 kDa		
Observed MW	30 kDa		
Accession	P02776		
Bio-activity	Not validated for activity		
Properties			
Purity	>90% as determined by reducing SDS-PAGE.		
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method		
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -8		
	°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of		
	reconstituted samples are stable at $< -20^{\circ}C$ for 3 months.		
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.		
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5%		
	Mannitol.		
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of		
	0.5 mg/mL. Concentration is measured by UV-Vis.		

Data

kDa 80	м	R	
60			
40	_		
30		-	
20			
12			

SDS-PAGE analysis of Human CXCL4/CXCL4/PF4 proteins, 2 µg/lane of Recombinant Human CXCL4/CXCL4/PF4 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 30 KD

Background

Released during platelet aggregation. Neutralizes the anticoagulant effect of heparin because it binds more strongly to heparin than to the chondroitin-4-sulfate chains of the carrier molecule. Chemotactic for neutrophils and monocytes. Inhibits endothelial cell proliferation, the short form is a more potent inhibitor than the longer form.