Product Data Sheet

Product Name:	NAP 2 95 a.a. Human
Cat. No.:	GP21195
Batch No.:	1

Product Data

Purity	>98%	Source	Escherichia Coli.
Phycical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Platelet basic protein; PBP; Small inducible cytokine B7; CXCL7; Leukocyte-derived growth factor; LDGF; Macrophage-derived growth factor; MDGF; pro-platelet basic protein (chemokine (C-X-C motif) ligand 7); TC1; TC2; TGB; TGB1; B-TG1; CTAP3; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III.		
Amino Acid Sequence	MSSTKGQTKR NLAKGKEESL DSDLYAELRC MCIKTTSGIH PKNIQSLEVI GKGTHCNQVE VIATLKDGRK ICLDPDAPRI KKIVQKKLAG DESAD		
Formulation	NAP 2 protein 1mg/ml is suppliedin 20mM Tris-HCL, pH-7.5, 1mM DTT and 10% Glycerol.		

Introduction

Chemokine (C-X-C motif) ligand (CXCL7) is a small cytokine belonging to the CXC chemokine family. It is a protein that is released in large amounts from platelets following their activation. It stimulates various processes including mitogenesis, synthesis of extracellular matrix, glucose metabolism and synthesis of plasminogen activator.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Background

NAP 2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 95 amino acids (35-128) and having a molecular mass of 10.3 kDa.The NAP 2 is purified by proprietary chromatographic techniques.

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