

Neutrophil Activating Protein-2 Active Protein | NAP 2 active protein

Recombinant Human Neutrophil Activating Protein-2 (CXCL7)

CATALOG #
AAA38082

HOST
E Coli

PRODUCT SYNONYMS

Neutrophil Activating Protein-2; Recombinant Human Neutrophil Activating Protein-2 (CXCL7); NAP 2 Human; Neutrophil Activating Protein-2 Human Recombinant (CXCL7); 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; NAP 2 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	The CXCL7 protein was lyophilized from a concentrated (1mg/ml) sterile solution containing no additives.
Sequence	AELRCMCIKT TSGIHPKNIQ SLEVIGKGTH CNQVEVIATL KDGRKICLDP DAPRIKKIVQ KKLAGEDESAD
Sequence Length	128
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to reconstitute the lyophilized Neutrophil Activating Protein-2 in sterile 18M ?-cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific activity as determined by the ability of NAP2 to chemoattract human neutrophils using a concentration of 1-10ng/ml.
Preparation and Storage	Lyophilized NAP-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution CXCL7 should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NAP 2 active protein	Neutrophil Activating Protein-2 Human Recombinant produced in E Coli is a non-glycosylated, Polypeptide chain containing 70 amino acids and having a molecular mass of 7609 Dalton. The NAP-2 is purified by proprietary chromatographic techniques.
Product Categories/Family for NAP 2 active protein	Chemokines; NAP-2 (CXCL7)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505981
NCBI GeneID	5473
NCBI Accession #	NP_002695.1
NCBI GenBank Nucleotide #	NM_002704.3
UniProt Accession #	P02775; Q6IBJ8; B2R5F3; AAB46877

NCBI Official Full Name	platelet basic protein preproprotein
NCBI Official Synonym Full Names	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)
NCBI Official Symbol	PPBP
NCBI Official Synonym Symbols	PBP; TC1; TC2; TGB; LDGF; MDGF; TGB1; B-TG1; CTAP3; CXCL7; NAP-2; SCYB7; THBGB; LA-PF4; THBGB1; Beta-TG; CTAPIII; CTAP-III
NCBI Protein Information	platelet basic protein; C-X-C motif chemokine 7; CXC chemokine ligand 7; beta-thromboglobulin; connective tissue-activating peptide III; leukocyte-derived growth factor; low-affinity platelet factor IV; macrophage-derived growth factor; neutrophil-activating peptide 2; neutrophil-activating peptide-2; small inducible cytokine B7; small inducible cytokine subfamily B, member 7; small-inducible cytokine B7; thrombocidin 1; thrombocidin 2; thromboglobulin, beta-1
UniProt Protein Name	Platelet basic protein
UniProt Gene Name	PPBP
UniProt Synonym Gene Names	CTAP3; CXCL7; SCYB7; TGB1; THBGB1; PBP; LDGF; MDGF; CTAP-III; CTAP-III(1-81); Beta-TG; NAP-2(74); NAP-2(73); NAP-2; NAP-2(1-66); NAP-2(1-63)
UniProt Entry Name	CXCL7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-nap-2-active-protein/neutrophil-activating-protein-2/38082>