

NAP 2 Rat

Description: NAP-2 Rat Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 62 amino acids and having a molecular mass of 6.8kDa. The NAP 2 is purified by proprietary chromatographic techniques.

Catalog #: CHPS-276

For research use only.

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,

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence: IELRCRCTNT LSGIPLNSIS RVNVFRPGAH CDNVEVIATL
KNGKEVCLDP TAPMIKKIVK KI.

Purity: Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

NAP-2 protein was lyophilized from a 0.2

Stability:

Lyophilized NAP-2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CXCL7 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized NAP-2 in sterile 18M-cm H₂O not less than 100

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.

Biological Activity:

Measured by its ability to chemoattract BaF3 mouse pro-B cells transfected with human CXCR2. The ED₅₀ for this effect is less than 10ng/ml, corresponding to a specific activity of 100,000units/mg.

To place an order, please [Click HERE](#).