# Human NAP-2 / PPBP / CXCL7 (His Tag) recombinant protein

Catalog Number: 503598



#### **General Information**

# Gene Name Synonym

C-X-C motif chemokine 7; Leukocyte-derived growth factor; Macrophage-derived growth factor; Small-inducible cytokine B7; Connective tissue-activating peptide III; LA-PF4; Low-affinity platelet factor IV; TC-2; Connective tissue-activating peptide III(1-81); Beta-thromboglobulin; Neutrophil-activating peptide 2(74); Neutrophil-activating peptide 2; TC-1; Neutrophil-activating peptide 2(1-63); Neutrophil-activating peptide 2(1-63)

#### **Protein Construction**

A DNA sequence encoding the human CXCL7 (P02775) (Ala59-Asp128) was expressed with a polyhistidine tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

# **Purity**

> 90 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

# **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\text{C}$ 

# Predicted N terminal

His

#### **Molecular Mass**

The recombinant human CXCL7 consists of 88 amino acids and predicts a molecular mass of 9.9 KDa. It migrates as an approximately 13 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

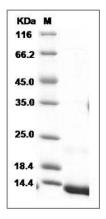
#### **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human NAP-2 / PPBP / CXCL7 Protein (His Tag) SDS-PAGE