

HP-NAP Recombinant Protein



RPPB3669

Product Information Protein Information

Product SKU:

RPPB3669

Accession:

P43313

Host:

Escherichia Coli.

Protein description:

HP-NAP Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Met1-Ala144) containing 154 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 18.2kDa.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

DNA protection during starvation protein, Bacterioferritin, HP-NAP, Neutrophil-activating protein A, NAP A, dps, napA.

Formulation:

HP-NAP was filtered (0.4 µm) and lyophilized in 20mM Tris buffer and 50mM NaCl, pH 7.5.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl of deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. HP-NAP is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASMKTFEILKHL QADAVLFMK VHNFWNVKG TDFNVHKAT EEIYEEFADM FDDLAERIVQ
LGHHPVLTLS EAIKLTRVKE ETKTSFHSKD IFKEILEDYK YLEKEFKELS NTAKEGDKV TVTYADDQLA
KLQKSIWMLQ AHLA.