

NPM2, 1-214aa, Human, His tag, E.coli

Cat.NO.: TP03189

3th Edition

Synonyms:nucleophosmin/ nucleoplasmin 2, NPM-2.

Description:NPM2, also known as nucleophosmin/nucleoplasmin 2, belongs to the nucleoplasmin family. This protein is core histones chaperone involved in chromatin reprogramming, especially during fertilization and early embryonic development. It probably involved in sperm DNA decondensation during fertilization.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 2mM DTT

Molecular Weight:26.6 kDa (237aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMNLSSASSTEEKAVTTVLWGCELSQERRRTWTFRPQLEGKQSCRLLHTICL
GEKAKEEMHRVEILPPANQEDKKMQPVTIASLQASVLPMSMVGVLSPVTFQLRAGSGPVFLSGQERYEASDL
TWEEEEEEEEEEEEEEEEDEDEDADISLEEQSPVKQVKRLVPQKQASVAKKKKLEKEEEEIRASVRDKSPVKKAK
ATARAKKPGFKK

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.