

32-4339: Recombinant Human Nucleophosmin 2

Alternative Name : Nucleophosmin/nucleoplasmin 2,nucleoplasmin-2.

Description

Source : E.coli. NPM2 Human Recombinant produced in E. coli is a single polypeptide chain containing 237 amino acids (1-214) and having a molecular mass of 26.6 kDa.NPM2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NPM2 is a member of nucleoplasmin family. NPM2 is a core histones chaperone which takes part in chromatin reprogramming, particularly throughout fertilization and early embryonic development. NPM2 also takes part in sperm DNA decondensation during fertilization.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The NPM2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMLSSAS STEEKAVTTV LWGCELSQER RTWTFRPQLE GKQSCRLLH TICLGEKAKE EMHRVEILPP ANQEDKKMQP VTIASLQASV LPMVSMVGVQ LSPPVTFQLR AGSGPVFLSG QERYEASDLT WEEEEEEEGE EEEEEEDDE DEDADISLEE QSPVKQVKRL VPQKQASVAK KKKLEKEEEE IRASVRDKSP VKKAKATARA KKPFGFKK