

32-2623: NUDT16 Recombinant Protein

Alternative Name : Nudix (nucleoside diphosphate linked moiety X)-Type Motif 16,FLJ31265,FLJ34034,FLJ36248,U8 snoRNA-binding protein H29K,U8 snoRNA-decapping enzyme.

Description

Source : Escherichia Coli. NUDT16 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 215 amino acids (1-195a.a.) and having a molecular mass of 23.4kDa. NUDT16 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NUDT16 is nuclear nucleoside diphosphatase proteins restricted in foci in the nucleolus and nucleoplasm. NUDT16 is a RNA-decapping enzyme. It binds specifically to U8 snoRNA and can remove m7G and m227G caps from RNAs, rendering them substrates for 5'-3' exonucleases for degradation in vivo.

Product Info

Amount : 20 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The NUDT16 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 1mM DTT, 100mM NaCl and 10% 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. Please avoid freeze thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MAGARRLELG EALALGSGWR HACHALLYAP DPGMLFGRIP
LRYAILMQMR FDGRLGFP GG FVDTQDRSLE DGLNRELREE LGEAAAFRV ERTDYRSSHV GSGPRVVAHF
YAKRLTLEEL LAVEAGATRA KDHGLEVLGL VRVPLYTLRD GVGGLPTFLE NSFISAREQ LLEALQDLGL
LQSGSISGLK IPAHH