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32-2620: NUDT4 Recombinant Protein

Alternative Name :	Diphosphoinositol polyphosphate phosphohydrolase 2,DIPP-2,EC 3.6.1.52,Diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 2,Nucleoside diphosphate-linked moiety X motif 4,NUDT4,DIPP2,KIAA0487,HDCMB47P,DIPP2beta,DIPP2alpha.

Description

Source : Escherichia Coli. NUDT4 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-180 a.a) and having a molecular mass of 22.7kDa. NUDT4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Nudix Type Motif 4 (NUDT4) regulates the turnover of diphosphoinositol polyphosphates. The turnover of these high-energy diphosphoinositol polyphosphates exemplifies a molecular switching activity with significant regulatory consequences. Molecular switching by diphosphoinositol polyphosphates may be a factor in regulating intracellular trafficking.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	NUDT4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
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 MGSMMKFKPN QTRTYDREGF KKRAACLCFR SEQEDEVLLV SSSRYPDQWI VPGGGMEPEE EPGGAAVREV YEEAGVKGKL GRLLGIFENQ DRKHRTYVYV LTVTEILEDW EDSVNIGRKR EWFKVEDAIK VLQCHKPVHA EYLEKLKLGC SPANGNSTVP SLPDNNALFV TAAQTSGLPS SVR.

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