

Nudix Type Motif 4 Human Recombinant

Item Number	rAP-1365
Synonyms	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	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.
Uniprot Accesion Number	Q9NZJ9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMKFKPN QTRTYDREGF KKRAACLCFR SEQEDEVLLV SSSRYPDQWI VPGGGMEPEE EPGGAAREV YEEAGVKGKL GRLLGIFENQ DRKHRITYVYV LTVTEILEDW EDSVNIQRKR EWFKVEDAIK VLQCHKPVHA EYLEKCLKGC SPANGNSTVP SLPDN- NALFV TAAQTSGLPS SVR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	NUDT4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**