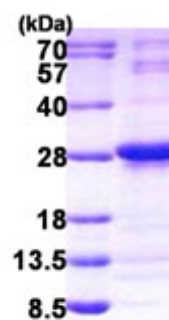


AR50924PU-S

Human NUDT4 / DIPP2 (1-180, His-tag) - Purified

Alternate names:	DIPP-2, Diadenosine 5'5'''-P1 P6-hexaphosphate hydrolase 2, Diphosphoinositol polyphosphate phosphohydrolase 2, HDCMB47P, KIAA0487, Nucleoside diphosphate-linked moiety X motif 4, Nudix motif 4
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	NUDT4 regulates the turnover of diphosphoinositol polyphosphates. The turnover of these high-energy diphosphoinositol polyphosphates represents a molecular switching activity with important regulatory consequences. Molecular switching by diphosphoinositol polyphosphates may contribute to regulating intracellular trafficking.
Uniprot ID:	Q9NZI9
NCBI:	NP_061967
GeneID:	11163
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl
Description:	Recombinant human NUDT4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMMKFKN QTRTYDREGF KKRAACLCFR SEQEDEVLLV SSSRYPDQWI VPGGGMEPEE EPGGAAREV YEEAGVKGKL GRLLGIFENQ DRKHRTYVYV LTVTEILEDW EDSVNIGRKR EWFKVEDAIK VLQCHKPVHA EYLEKLKLG SPANGNSTVP SLPDNNALFV TAAQTSGLP SVR Molecular weight: 22.7 kDa (203aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Caffrey JJ. et al. (2000) J Biol Chem. 275:12730–12736 Caffrey JJ. et al. (2001) Gene. 269:53–60.

Pictures:



15% SDS-PAGE (3ug)