

## Product datasheet for **AR09862PU-N**

### NUDT3 / DIPP1 (1-172, His-tag) Human Protein

#### Product data:

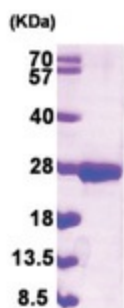
Product Type:	Recombinant Proteins
Description:	NUDT3 / DIPP1 (1-172, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MMKLKSNQTR TYDGDGYKKR AACLCFRSES EEEVLLVSSS RHPDRWIVPG GGMEPEEEPS VAAVREVCEE AGVKGTLGRL VGIFENQERK HRTYVYVLIV TEVLEDWEDS VNIGRKREWF KIEDAIKVLQ YHKPVQASYF ETLRQGYSAN NGTPVVATTY SVSAQSSMSG IR
Tag:	His-tag
Predicted MW:	21.6 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 5 mM DTT, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NUDT3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_006694</a>
Locus ID:	11165
UniProt ID:	<a href="#">O95989</a>
Cytogenetics:	6p21.31
Synonyms:	DIPP; DIPP-1; DIPP1



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**Summary:**

NUDT3 belongs to the MutT, or Nudix, protein family. Nudix proteins act as homeostatic checkpoints at important stages in nucleoside phosphate metabolic pathways, guarding against elevated levels of potentially dangerous intermediates, like 8-oxo-dGTP, which promotes AT-to-CG transversions (Safrany et al., 1998 [PubMed 9822604]).[supplied by OMIM, Feb 2011]

**Product images:**

15% SDS-PAGE (3ug)