

Product datasheet for **TP302900**

NUDT3 (NM_006703) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens nudix (nucleoside diphosphate linked moiety X)-type motif 3 (NUDT3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202900 representing NM_006703 Red =Cloning site Green =Tags(s) MMKLKSNQTRTYDGDGYKKRAACLFRSESEEEVLLVSSSRHPDRWIVPGGGMEPEEEPSVAAVREVCEE AGVKGTLGRLVGIFENQERKHRTYVYVLIVTEVLEDWEDSVNIGRKREWFKIEDAIKVLQYHKPVQASYF ETLRQGYSANNGTPVWATTYSVSAQSSMSGIR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	19.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006694</u>
Locus ID:	11165
UniProt ID:	<u>O95989</u>



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RefSeq Size: 1371

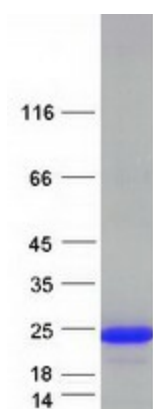
Cytogenetics: 6p21.31

RefSeq ORF: 516

Synonyms: DIPP; DIPP-1; DIPP1

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:



Coomassie blue staining of purified NUDT3 protein (Cat# TP302900). The protein was produced from HEK293T cells transfected with NUDT3 cDNA clone (Cat# [RC202900]) using MegaTran 2.0 (Cat# [TT210002]).