

## NUDT9 Human

**Description:**NUDT9 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 325 amino acids (47-350 a.a.) and having a molecular mass of 36.5kDa (molecular weight on SDS-PAGE will appear higher).NUDT9 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**ENPS-144

For research use only.

**Synonyms:**ADP-ribose pyrophosphatase mitochondrial, ADP-ribose diphosphatase, ADP-ribose phosphohydrolase, Adenosine diphosphoribose pyrophosphatase, ADPR-PPase, Nucleoside diphosphate-linked moiety X motif 9, Nudix motif 9, NUDT9, NUDT10, PSEC0099, UNQ3012/PRO9771

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MNTNVMSGSN GSKENSHNKA  
RTSPYPGSKV ERSQVPNEKV GWLVEWQDYK PVEYTAVSVL AGPRWADPQI SESNFSPKFN  
EKDGHVERKS KNGLYEIENG RPRNPAGRTG LVGRGLLGRW GPNHAADPII TRWKRDSNGN  
KIMHPVSGKH ILQFVAIKRK DCGEWAIPGG MVDPGEKISA TLKREFGEEA LNSLQKTSAE  
KREIEEKLHK LF

**Purity:**Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

NUDT9 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

**Stability:**

NUDT9 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

NUDT9 is a member of a superfamily of Nudix hydrolases. NUDT9 functions as a highly specific adenosine diphosphate ribose pyrophosphatase which hydrolyzes ADP ribose to AMP and ribose 5'-phosphate. In addition, NUDT9 may be involved in the regulation of the menstrual cycle and may be related to the proliferation of glandular cells in the human endometrium.

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