

## 32-2629: NUDT9 Recombinant Protein

**Alternative Name :**

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/PR

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :**

20 µg

**Purification :**

Greater than 95.0% as determined by SDS-PAGE.

**Content :**

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

**Storage condition :**

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

**Amino Acid :**

MGSSHHHHHH SSSLVPRGSH MNTNVMMSGN GSKENSHNKA RTSPYPGSKV ERSQVPNEKV  
GWLVEWQDYK PVEYTAVSVL AGPRWADPQI SESNFSPKFN EKDGHVERKS KNGLYEIEENG  
RPRNPAGRTG LVGRGLLGRW GPNHAADPII TRWKRDSGN KIMHPVSGKH ILQFVAIKRK DCGEWAIPGG  
MVDPGEKISA TLKREFGEEA LNSLQKTSAE KREIEEKLHK LFSQDHLVIY KGYVDDPRNT DNAWMETEAV  
NYHDETGEIM DNLMLEAGDD AGVKWVDIN DKLKLYASHS QFIKLVAEKR DAHWSERVEDSEA DCHAL.

