

## Recombinant Human NUDT3 protein, His-tagged

Cat. No. NUDT3-376H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NUDT3 protein(NP_006694)(1-172 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-172 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	MMKLKSNQTRTYDGDGYKKRAACLFRSESEEEVLLVSSSRHPDRWIVPGGGMEPEE EEPSVAAVREVCEEAGVKGTLGRLVGIFENQERKHRTYVYVLLIVTEVLEDWEDSVN IGRKREWFKIEDAIKVLQYHKPVQASYFETLRQGYSANNGTPVVATTYSVSAQSSMSGIR
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

NUDT3 nudix (nucleoside diphosphate linked moiety X)-type motif 3 [ Homo sapiens ]

**Official Symbol**

NUDT3

**Synonyms**

NUDT3; nudix (nucleoside diphosphate linked moiety X)-type motif 3;  
 diphosphoinositol polyphosphate phosphohydrolase 1; DIPP; nudix motif 3;  
 nucleoside diphosphate-linked moiety X motif 3; diadenosine 5,5-P1,P6-  
 hexaphosphate hydrolase 1; DIPP1; DIPP-1;

**Gene ID**

11165

**mRNA Refseq**

NM\_006703

**Protein Refseq**

NP\_006694

**MIM**

609228

**UniProt ID**

O95989

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