Recombinant Human NUDT1 Protein, His-tagged

Cat. No. NUDT1-775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NUDT1 (NP_002443.3) (Met1-Val156) was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-156 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, pH 8.0, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human NUDT1 consists 174 amino acids and predicts a molecular mass of 20.2 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	NUDT1 nudix (nucleoside diphosphate linked moiety X)-type motif 1 [Homo sapiens]
Official Symbol	NUDT1
Synonyms	NUDT1; nudix (nucleoside diphosphate linked moiety X)-type motif 1; MTH1; 7,8-dihydro-8-oxoguanine triphosphatase; 7; 8 dihydro 8 oxoguanine triphosphatase; 8 oxo 7; 8 dihydrodeoxyguanosine triphosphatase; 8 dihydroguanosine triphosphatase; 8 oxo dGTPase; mutT human homolog 1; nucleoside diphosphate linked moiety X type motif 1; nudix motif 1; 8-oxo-dGTPase; 2-hydroxy-dATP diphosphatase; 8-oxo-7,8-dihydroguanosine triphosphatase; 8-oxo-7,8-dihydrodeoxyguanosine triphosphatase; nucleoside diphosphate-linked moiety X motif 1; nucleoside diphosphate-linked moiety X-type motif 1;
Gene ID	4521
mRNA Refseq	NM_002452
Protein Refseq	NP_002443
MIM	600312
UniProt ID	P36639
Chromosome Location	7p22

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Pathway	oxidized GTP and dGTP detoxification, organism-specific biosystem; oxidized GTP and dGTP detoxification, conserved biosystem;

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