

## Recombinant Human NUDT5, His tagged

Cat. No. NUDT5-213H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NUDT5 (Q9UKK9) (Glu2-Phe219), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-219 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human NUDT5 consists of 234 amino acids and predicts a molecular mass of 26.3 KDa. It migrates as an approximately 35 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	NUDT5 nudix (nucleoside diphosphate linked moiety X)-type motif 5 [ Homo sapiens ]
<b>Official Symbol</b>	NUDT5
<b>Gene ID</b>	11164
<b>mRNA Refseq</b>	NM_014142
<b>Protein Refseq</b>	NP_054861
<b>MIM</b>	609230
<b>UniProt ID</b>	Q9UKK9
<b>Chromosome Location</b>	10p14

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