

Recombinant Human NUDT5, His tagged

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

SPECIFICATION

Product Overview	Recombinant Human NUDT5 (Q9UKK9) (Glu2-Phe219), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-219 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
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

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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

Gene Name	NUDT5 nudix (nucleoside diphosphate linked moiety X)-type motif 5 [Homo sapiens]
Official Symbol	NUDT5
Gene ID	11164
mRNA Refseq	NM_014142
Protein Refseq	NP_054861
MIM	609230
UniProt ID	Q9UUK9
Chromosome Location	10p14

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