

Recombinant Human NUDT5 protein, His-tagged

Cat. No. NUDT5-3874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUDT5 protein(1-219 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-219 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MESQEPTESSQNGKQYIISEELISEGKWWKLEKTTYMDPTGKTRTWESVKRTRTRKE QTADGVAVIPVLQRTLHYECIVLVKQFRPPMGGYCIEFPAGLIDDGETPEAAALRELE EETGYKGDIAECSPAVCMDPGLSNCTIHIVTVTINGDDAENARPKPKPGDGEFVEVIS LPKNDLLQRLDALVAEEHLTVDARVYSYALALKHANAKPFEVPFLKF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

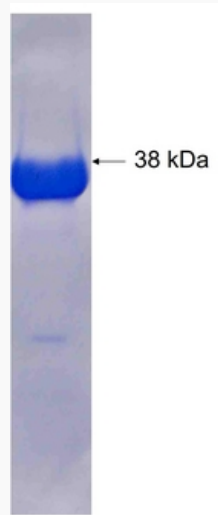
Gene Name	NUDT5 nudix (nucleoside diphosphate linked moiety X)-type motif 5 [Homo sapiens]
Official Symbol	NUDT5
Synonyms	NUDT5; nudix (nucleoside diphosphate linked moiety X)-type motif 5; ADP-sugar pyrophosphatase; hYSAH1; YSA1H; nudix motif 5; nucleoside diphosphate-linked moiety X motif 5; nucleoside diphosphate linked moiety X-type motif 5; YSA1;
Gene ID	11164
mRNA Refseq	NM_014142
Protein Refseq	NP_054861
MIM	609230
UniProt ID	Q9UKK9

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SDS-PAGE



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