

Recombinant Human NUDT11 protein, His-tagged

Cat. No. NUDT11-3095H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUDT11 protein(1-164 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-164 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.
AA Sequence	MKCKPNQTRTYDPEGFKKRAACLCFRSEREDEVLLVSSSRYPDRWIVPGGGMEPE EEPGGAAVREVEYEEAGVKGKLGRLGVFEQNQDRKHRITYVYVLTVTTELLEDWEDS VSIGRKREWFKVEDAIKVLQCHKPVHAEYLEKLKLGGSPTNGNSMAPSSPDSDP
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	NUDT11 nudix (nucleoside diphosphate linked moiety X)-type motif 11 [Homo sapiens (human)]
Official Symbol	NUDT11
Synonyms	NUDT11; APS1; ASP1; DIPPP3b; DIPPP3beta; hDIPPP3beta; nudix (nucleoside diphosphate linked moiety X)-type motif 11; diphosphoinositol polyphosphate phosphohydrolase 3-beta; hAps1; DIPPP3-beta; DIPPP-3-beta; nudix motif 11; nucleoside diphosphate-linked moiety X motif 11; diadenosine hexaphosphate hydrolase (AMP-forming); diadenosine 5',5'''-P1,P6-hexaphosphate hydrolase 3-beta; diphosphoinositol polyphosphate phosphohydrolase 3, beta; EC 3.6.1.52; EC 3.6.1.60
Gene ID	55190
mRNA Refseq	NM_018159
Protein Refseq	NP_060629
MIM	300528
UniProt ID	Q96G61

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