

Recombinant Human NUDT3 protein, GST-tagged

Cat. No. NUDT3-30117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUDT3 (1-172 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg172
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MMKLKSNQTRTYDGDGYKKRAACLCFRSESEEEVLLVSSSRHPDRWIVPGGGMEPEEEPSVAADVREVCEEAGVKGTGLGRLVGIFENQERKHRTYVYVLIVTEVLEDWEDSVNIGRKREWFKIEDAIKVLQYHKPVQASYFETLRQGYSANNGTPVVATTYSVSAQSSMSGIR
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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

GENE INFORMATION

Gene Name

NUDT3 nudix (nucleoside diphosphate linked moiety X)-type motif 3 [Homo sapiens]

Official Symbol

NUDT3

Synonyms

NUDT3; nudix (nucleoside diphosphate linked moiety X)-type motif 3; diphosphoinositol polyphosphate phosphohydrolase 1; DIPP; nudix motif 3; nucleoside diphosphate-linked moiety X motif 3; diadenosine 5,5-P1,P6-hexaphosphate hydrolase 1; DIPP1; DIPP-1;

Gene ID

11165

mRNA Refseq

NM_006703

Protein Refseq

NP_006694

MIM

609228

UniProt ID

O95989

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