

Recombinant Human NUDT2 protein, GST-tagged

Cat. No. NUDT2-3664H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUDT2 protein(1-147 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-147 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MALRACGLIIFRRCLIPKVDNNAIEFLLQASDGIHHWTPPKGHVEPGEDDLETALRE TQEEAGIEAGQLTIIEGFKRELNYVARNKPKTVIYWLAEVKDYDVEIRLSHEHQAYRW LGLEEACQLAQFKEMKAALQEGHQFLCSIEA
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.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 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

NUDT2 nudix (nucleoside diphosphate linked moiety X)-type motif 2 [Homo sapiens]

Official Symbol

NUDT2

Synonyms

NUDT2; nudix (nucleoside diphosphate linked moiety X)-type motif 2; APAH1; bis(5-nucleosyl)-tetraphosphatase [asymmetrical]; Ap4A hydrolase 1; Ap4Aase; bis(5 nucleosyl) tetraphosphatase (asymmetrical); diadenosine 5, 5 P1; P4 tetraphosphate pyrophosphohydrolase; diadenosine tetraphosphatase; nudix motif 2; nucleoside diphosphate-linked moiety X motif 2; bis(5-nucleosyl)-tetraphosphatase (asymmetrical); diadenosine 5,5-P1,P4-tetraphosphate pyrophosphohydrolase; diadenosine 5,5-P1,P4-tetraphosphate asymmetrical hydrolase; MGC10404;

Gene ID

318

mRNA Refseq

NM_001161

Protein Refseq

NP_001152

MIM

602852

UniProt ID

P50583

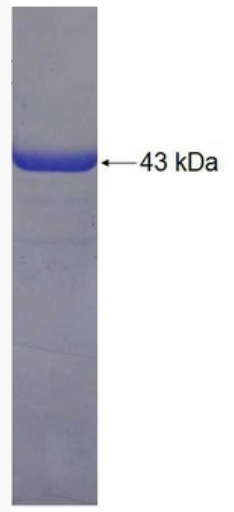
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SDS-PAGE



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