

Recombinant Human NUDT1 protein

Cat. No. NUDT1-3296H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUDT1 protein(P36639)(19-197aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-197aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	20.3 kDa
AA Sequence	<p>MSGISPQQMGEPEGSWSGKNPGTMGASRLYTLVLVLQPQRVLLGMKKRFGAGR</p> <p>WNGFGGKVQEGETIEDGARRELQEEGLTVDALHKVGGQIVFEFVGEPELMDVHVFC</p> <p>TDSIQGTPVESDEMPCWFQLDQIPFKDMWPDDSYWFPLLLQKKKFHGYFKFQGQ</p> <p>DTILDYTLREVDTV</p>
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

[NUDT1 nudix \(nucleoside diphosphate linked moiety X\)-type motif 1 \[Homo sapiens \]](#)

Official Symbol

[NUDT1](#)

Synonyms

NUDT1; nudix (nucleoside diphosphate linked moiety X)-type motif 1; MTH1; 7,8-dihydro-8-oxoguanine triphosphatase; 7; 8 dihydro 8 oxoguanine triphosphatase; 8 oxo 7; 8 dihydrodeoxyguanosine triphosphatase; 8 dihydroguanosine triphosphatase; 8 oxo dGTPase; mutT human homolog 1; nucleoside diphosphate linked moiety X type motif 1; nudix motif 1; 8-oxo-dGTPase; 2-hydroxy-dATP diphosphatase; 8-oxo-7,8-dihydroguanosine triphosphatase; 8-oxo-7,8-dihydrodeoxyguanosine triphosphatase; nucleoside diphosphate-linked moiety X motif 1; nucleoside diphosphate-linked moiety X-type motif 1;

Gene ID

[4521](#)

mRNA Refseq

[NM_002452](#)

Protein Refseq

[NP_002443](#)

MIM

[600312](#)

UniProt ID

[P36639](#)

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