

NUDT2 Protein, Human, Recombinant (His)

General Information

Synonyms:	APAH1;nudix (nucleoside diphosphate linked moiety X)-type motif 2
Protein Construction:	A DNA sequence encoding the human NUDT2 (P50583) (Met 1-Ala 147) was expressed, with a polyhistidine tag at the N-terminus. Predicted N terminal: Met
Species:	Human
Expression Host:	E. coli
Accession:	P50583
Molecular Weight:	18.3 kDa (predicted); 20 kDa (reducing conditions)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin:	Please contact us for more information.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Reference

McLennan AG, et al.,1998, Genomics 47(2): 307-9.

Aldenhoven,J. et al.,2003, Cytogenet Genome Res.102 (1-4):121-7.

Oka,K. et al., 2011, Int J Cancer. 128 (8):1770-82.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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