

Recombinant Human NDUF3 protein, GST-tagged

Cat. No. NDUF3-1234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUF3 protein(1-98 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-98 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	MAHEHGHEHGHKMEPLDYRQWKIEGTPLETIQKKLAAKGLRDPWGRNEAWRYM GGFAKSVSFSDFVFFKGFKWGFAAFVAVGAEEYYLESLNKDKKHH
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.
Reconstitution	Dissolve the product in 200

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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.

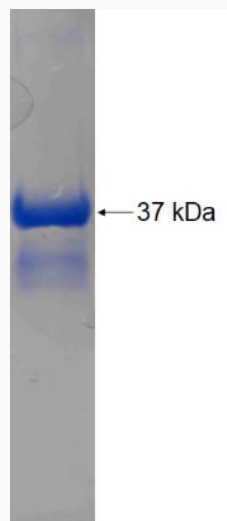
GENE INFORMATION

Gene Name	NDUFB3 NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa [Homo sapiens]
Official Symbol	NDUFB3
Synonyms	NDUFB3; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3 (12kD, B12); NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3; B12; complex I B12 subunit; complex I-B12; NADH-ubiquinone oxidoreductase B12 subunit; CI-B12;
Gene ID	4709
mRNA Refseq	NM_001257102
Protein Refseq	NP_001244031
MIM	603839
UniProt ID	O43676

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SDS-PAGE

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