Recombinant Human NDUFS3, T7-tagged

Cat. No. NDUFS3-833H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFS3 was produced in E.coli with a T7 tag at N-terminus. MW = 30242 Da (1-264 aa).
Species	Human
Source	E.coli
ProteinLength	1-264 a.a.
Description	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial is an enzyme that in humans is encoded by the NDUFS3 gene. The multisubunit NADH:ubiquinone oxidoreductase (complex I) is the first enzyme complex in the electron transport chain of mitochondria. The iron-sulfur protein (IP) fraction of complex I is made up of 7 subunits.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3.
Purity	95%.
Clonality	N/A.
Applications	MS. SDS.

GENE INFORMATION

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	NDUFS3 NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase) [Homo sapiens]
Synonyms	NDUFS3; NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase); CI-30; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial; CI-30kD; complex I-30kD; complex I 30kDa subunit; NADH dehydrogenase-ubiquinone 30 kDa subunit; NADH-ubiquinone oxidoreductase 30 kDa subunit; EC 1.6.5.3; EC 1.6.99.3
Gene ID	4722
mRNA Refseq	NM_004551
Protein Refseq	NP_004542
MIM	603846
UniProt ID	O75489
Chromosome Location	11p11.11
Pathway	Alzheimer"s disease; Huntington"s disease; Metabolic pathways; Oxidative phosphorylation; Parkinson"s disease
Function	NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; electron carrier activity; protein binding

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