

Recombinant Human NDUFS3, T7 -tagged

Cat. No. NDUFS3-29480TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein (Human).Fusion: T7 tag at N terminus.
Species	Human
Source	E.coli
Description	This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.
Conjugation	T7
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium AzideConstituents: 10mM Tris, 0.1% Triton X-100, pH 8
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the complex I 30 kDa subunit family.
Full Length	Full L.

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GENE INFORMATION

Gene Name	NDUFS3 NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase) [Homo sapiens]
Official Symbol	NDUFS3
Synonyms	NDUFS3; NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase); NADH dehydrogenase (ubiquinone) Fe S protein 3 (30kD) (NADH coenzyme Q reductase); NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial; CI 30; comp
Gene ID	4722
mRNA Refseq	NM_004551
Protein Refseq	NP_004542
MIM	603846
Uniprot ID	O75489
Chromosome Location	11p11.11
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;
Function	NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; electron carrier activity; protein binding;

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