

## Recombinant Human NDUFS3, GST-tagged

Cat. No. NDUFS3-1239H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human NDUFS3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                        |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 1-264aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### 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 |

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | protein 3, mitochondrial; CI 30; complex I 30kDa subunit; NADH dehydrogenase [ubiquinone] iron sulfur protein 3; mitochondrial; CI-30kD; complex I-30kD; NADH dehydrogenase-ubiquinone 30 kDa subunit; NADH-ubiquinone oxidoreductase 30 kDa subunit; CI-30;                                                                                               |
| <b>Gene ID</b>             | <a href="#">4722</a>                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | <a href="#">NM_004551</a>                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | <a href="#">NP_004542</a>                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>                 | <a href="#">603846</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>          | <a href="#">O75489</a>                                                                                                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 11p11.11                                                                                                                                                                                                                                                                                                                                                   |
| <b>Pathway</b>             | 3-phosphoinositide degradation, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolic pathways, organism-specific biosystem; |
| <b>Function</b>            | NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; electron carrier activity; protein binding;                                                                                                                                                                                                                                         |