

## Recombinant Human NDUFA2 protein, GST-tagged

**Cat. No.** NDUFA2-1222H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NDUFA2 protein(1-99 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-99 aa                                                                                                                                                                                                                                        |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.        |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: 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. |
| <b>AA Sequence</b>      | MAAAAASRGVGAKLGLREIRIHL CQRSPGSQGV RDFIEKRYVELKKANPDLPI LIREC<br>SDVQPKLWARYAFGQETNVPLN NFSADQVTRALENVLSGKA                                                                                                                                    |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                       |

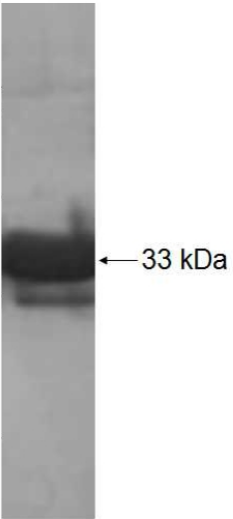
### GENE INFORMATION

|                        |               |
|------------------------|---------------|
| <b>Official Symbol</b> | <b>NDUFA2</b> |
|------------------------|---------------|

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | NDUFA2; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2 (8kD, B8); NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2; B8; complex I B8 subunit; NADH-ubiquinone oxidoreductase subunit CI-B8; CD14; CIB8; |
| <b>Gene ID</b>        | <a href="#">4695</a>                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>    | <a href="#">NM_001185012</a>                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b> | <a href="#">NP_001171941</a>                                                                                                                                                                                                                                                            |
| <b>MIM</b>            | <a href="#">602137</a>                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>     | <a href="#">O43678</a>                                                                                                                                                                                                                                                                  |
| <b>SDS-PAGE</b>       |  <p>← 33 kDa</p>                                                                                                                                                                                    |