

## Recombinant Human NDUFAB1 protein, GST-tagged

**Cat. No.** NDUFAB1-01H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NDUFAB1 protein(NP_004994)(1-156 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-156 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.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization. |
| <b>AA Sequence</b>      | MASRVLSAYVSRLPAAFAPLPRVRMLAVARPLSTALCSAGTQTRLGTLQPALVLAQV<br>PGRVTQLCRQYSDMPPLTLEGIQDRVLYVLKLYDKIDPEKLSVNSHFMKDLGLDSDL<br>QVEIIMAMEDEFGFEIPYIDAEKLMCPQEIVDYIADKKDVYE                                                                    |
| <b>Purity</b>           | 75%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.    |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.                                                                                                                                                              |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

## GENE INFORMATION

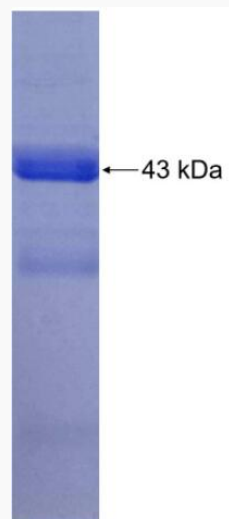
|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| Gene Name       | NDUFAB1 NADH:ubiquinone oxidoreductase subunit AB1 [ Homo sapiens (human) ] |
| Official Symbol | NDUFAB1                                                                     |
| Synonyms        | ACP; ACP1; SDAP; FASN2A                                                     |
| Gene ID         | 4706                                                                        |
| mRNA Refseq     | NM_005003.3                                                                 |
| Protein Refseq  | NP_004994.1                                                                 |
| MIM             | 603836                                                                      |
| UniProt ID      | O14561                                                                      |

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SDS-PAGE



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