

# Recombinant Human DNM1 protein, His-tagged

**Cat. No.** DNM1-2822H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DNM1 protein(Q05193)(2-245aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 2-245aa                                                                                                                                                                                                                                                            |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                   |
| <b>Molecular Mass</b>   | 32.2 kDa                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | GNRGMEDLIPLVNRLQDAFSAIGQNADLDLPQIAVVGGQSAGKSSVLENFVGRDFLP<br>RGSGIVTRRPLVLQLVNATTEYAEFLHCKGKKFTDFEEVRLEIEAETDRVTGTNKGIS<br>PVPINLRVYSPHVLNLTLDLPGMTKVPVGDQPPDIEFQIRDMLMQFVTKENCLILAV<br>SPANSDLANSALKVAKEVDPQGQRTIGVITKLDLMDEGTDARDVLENKLLPLRRGY<br>IGVVNRSQKDIDGK |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                  |

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repeated freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** DNM1 dynamin 1 [ Homo sapiens ]

**Official Symbol** DNM1

**Synonyms** DNM1; dynamin 1; DNM; dynamin-1;

**Gene ID** 1759

**mRNA Refseq** NM\_001005336

**Protein Refseq** NP\_001005336

**MIM** 602377

**UniProt ID** Q05193

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