

## Recombinant Human DNM1L protein, His-tagged

Cat. No. DNM1L-6745H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DNM1L protein(69-142 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	69-142 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
<b>AASequence</b>	HVSQEDKRKTTGEENGVEAEWGGKFLHTKNKLYTDFDEIRQEIENETERISGNNKGV SPEPIHLKIFSPNVNL
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. 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>Reconstitution</b>	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name** [DNM1L dynamin 1-like \[ Homo sapiens \]](#)

**Official Symbol** [DNM1L](#)

**Synonyms** [DNM1L](#); [dynamin 1-like](#); [dynamin-1-like protein](#); [DRP1](#); [DVLP](#); [DYMPLE](#); [HDYNIV](#); [VPS1](#); [dynamin-like protein 4](#); [dynamin-like protein IV](#); [Dnm1p/Vps1p-like protein](#); [dynamin-related protein 1](#); [dynamin family member proline-rich carboxyl-terminal domain less](#); [DLP1](#); [EMPF](#); [DYNIV-11](#); [FLJ41912](#);

**Gene ID** [10059](#)

**mRNA Refseq** [NM\\_005690](#)

**Protein Refseq** [NP\\_005681](#)

**MIM** [603850](#)

**UniProt ID** [O00429](#)

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SDS-PAGE



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