

Recombinant Human DNM1L Protein, Myc/DDK-tagged

Cat. No. DNM1L-8494H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human dynamin 1-like (DNM1L), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a member of the dynamin superfamily of GTPases. The encoded protein mediates mitochondrial and peroxisomal division, and is involved in developmentally regulated apoptosis and programmed necrosis. Dysfunction of this gene is implicated in several neurological disorders, including Alzheimer's disease. Mutations in this gene are associated with the autosomal dominant disorder, encephalopathy, lethal, due to defective mitochondrial and peroxisomal fission (EMPF). Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	79.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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Concentration >50 ug/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name DNM1L dynamin 1 like [Homo sapiens (human)]

Official Symbol DNM1L

Synonyms DNM1L; dynamin 1 like; DLP1; DRP1; DVLP; EMPF; OPA5; EMPF1; DYMPLE; HDYNIV; dynamin-1-like protein; Dnm1p/Vps1p-like protein; dynamin family member proline-rich carboxyl-terminal domain less; dynamin-like protein 4; dynamin-like protein IV; dynamin-related protein 1; EC 3.6.5.5

Gene ID 10059

mRNA Refseq NM_012063

Protein Refseq NP_036193

MIM 603850

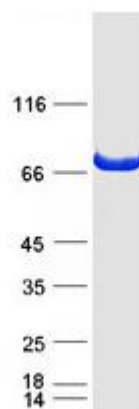
UniProt ID O00429

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