

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

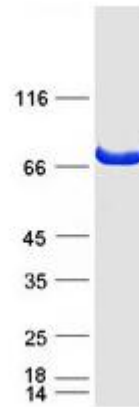
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-Page



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA