



Recombinant Mouse Dynamin-1-like protein (Dnm1l)

Product Code	CSB-EP816976MO-B
Abbreviation	Dnm1l
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8K1M6
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MEALIPVINK LQDVFNTVGA DIIQLPQIVV VGTQSSGKSS VLES LVGRDL LPRGTGVVTR RPLILQLVHV SPEDKRKTTG EENGKFSWR VEAEEWGKFL HTKNKLYTDF DEIRQEIENE TERISGNKNG VSPEPIHLKV FSPNVVNLTL VDLPGMTKVP VGDQPKDIEL QIRELILRFI SNPNSILAV TAANTDMATS EALKISREVD PDGRRTLAVI TKLDLMDAGT DAMDVL MGRV IPVKLGIIGV VNRSQLDINN KKSVTDSIRD EYAF LQKKYP SLANRNGTKY LARTLNRLLM HHIRDCLPEL KTRINV LAAQ YQSL LNSYGE PVDDKSATLL QLITKFATEY CNTIEGTAKY IETSEL CGGA RICYIFHETF GRTLESVDPL GGLNTIDILT AIRNATGPRP ALFVPEVSFE LLVKRQIKRL EEP SLRCVEL VHEEMQR IIQ HCSNYSTQEL LRF PKLHDAI VEVVTCLLRK RLPVTNEMVH NLVAIELAYI NTKHPDFADA CGLMNNNIEE QRRNRLAREL PSAGSRDKSS KVPSALAPAS QEPPPAASAE ADGKLIQDNR RETKNVPSAG GGIGDGGQEP TTGNWRGMLK TSKAEELLAE EKSKPIIMP ASPQKGHAVN LLDV PVPVAR KLSAREQRDC EVIERLIKSY FLIVRKNIQD SVPKAVMHFL VNHVKDTLQS ELVGQLYKSS LLDDLLTESE DMAQRRKEAA DMLKALQGAS QIIAEIRETH LW
Source	E.coli
Target Names	Dnm1l
Protein Names	Recommended name: Dynamin-1-like protein EC= 3.6.5.5 Alternative name(s): Dynamin family member proline-rich carboxyl-terminal domain less Short name= Dymple Dynamin-related protein 1
Expression Region	1-742
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of the dynamin superfamily of GTPases. Members of the dynamin-related subfamily, including the <i>S. cerevisiae</i> proteins Dnm1 and



Vps1, contain the N-terminal tripartite GTPase domain but do not have the pleckstrin homology or proline-rich domains. This protein establishes mitochondrial morphology through a role in distributing mitochondrial tubules throughout the cytoplasm. The gene has 3 alternatively spliced transcripts encoding different isoforms. These transcripts are alternatively polyadenylated.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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