

Recombinant Human DNM2 Protein

Cat. No. DNM2-20H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNM2 Protein expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	a.a.533-866
Description	<p>Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. Five alternatively spliced transcripts encoding different proteins have been described. Additional alternatively spliced transcripts may exist, but their full-length nature has not been determined.</p>
Form	Liquid. In 1xPBS, pH7.4.
Molecular Mass	41.0kDa
AA Sequence	<p>MGSSHHHHHHSSGLVPRGSHMASMTGGQQMGRGSEFLMKGGSKEYWFLTAES LSWYKDEEEKEKKYMLPLDNLKIRDVEKGFMSNKHVFAIFNTEQRNVYKDLRQIELA</p>

 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



CDSQEDVDSWKASFLRAGVYPEKDQAENEDGAQENTFSMDPQLERQVETIRNLVD
SYVAIINKSIRDLMPKTIMHLMINNTKAFIHHELLAYLYSSADQSSLMEESADQAQRD
DMLRMYHALKEALNIIGDISTSTVSTPVPPPVDLTLQSSASSHSPTPQRRPVSSIHPP
GRPPAVRGPTPGPPLIPVPGAAASFSAPPISRPQSVFANSDFPAPPQIPSRP
VRIPPGIPPGVPSRRPPAAPSRTIIRPAEP

Purity >90% as determined by SDS-PAGE

Storage Please prepare aliquots and store at -20~-80 centigrade. Avoid freeze/thaw cycles.

Concentration 0.1 mg/ml

GENE INFORMATION

Gene Name DNM2 dynamin 2 [Homo sapiens (human)]

Official Symbol DNM2

Synonyms DYN2; CMT2M; DYNII; LCCS5; CMTDI1; CMTDIB; DI-CMTB

Gene ID 1785

mRNA Refseq NM_004945.4

Protein Refseq NP_004936.2

MIM 602378

UniProt ID P50570

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