Recombinant Human DNM1 Protein (2-245 aa), His-tagged

Cat. No. DNM1-1380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNM1 Protein (2-245 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	2-245 aa
Description	Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes. Involved in receptor-mediated endocytosis.
Form	Tris-based buffer,50% glycerol
Molecular Mass	28.7 kDa
AA Sequence	GNRGMEDLIPLVNRLQDAFSAIGQNADLDLPQIAVVGGQSAGKSSVLENFVGRDFLP RGSGIVTRRPLVLQLVNATTEYAEFLHCKGKKFTDFEEVRLEIEAETDRVTGTNKGIS PVPINLRVYSPHVLNLTLVDLPGMTKVPVGDQPPDIEFQIRDMLMQFVTKENCLILAV SPANSDLANSDALKVAKEVDPQGQRTIGVITKLDLMDEGTDARDVLENKLLPLRRGY IGVVNRSQKDIDGK
Purity	> 90% as determined by SDS-PAGE.

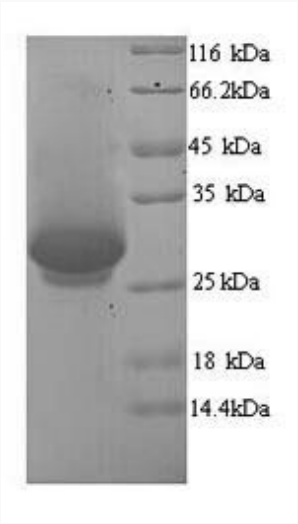
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	DNM1 dynamin 1 [Homo sapiens]
Official Symbol	DNM1
Synonyms	DNM1; dynamin 1; DNM; dynamin-1;
Gene ID	1759
mRNA Refseq	NM_001005336
Protein Refseq	NP_001005336
MIM	602377
UniProt ID	Q05193

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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