

Recombinant Mouse Rtn4 Protein, Myc/DDK-tagged

Cat. No. Rtn4-5643M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length reticulon 4 (cDNA clone MGC:38204 IMAGE:5323152), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required to induce the formation and stabilization of endoplasmic reticulum (ER) tubules. They regulate membrane morphogenesis in the ER by promoting tubular ER production. They influence nuclear envelope expansion, nuclear pore complex formation and proper localization of inner nuclear membrane proteins. However each isoform have specific functions mainly depending on their tissue expression specificities.
Molecular Mass	70.3 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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

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

GENE INFORMATION

Gene Name [Rtn4 reticulon 4 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Rtn4](#)

Synonyms [Rtn4](#); reticulon 4; N; No; ASY; NgA; Nog; NOGO; NSP-CL; Nogo-A; Nogo-B; Nogo-C; AA407876; AA409940; AA960376; mKIAA0886; mKIAA4153; 1110020G17Rik; C130026I10Rik; reticulon-4; neurite outgrowth inhibitor

Gene ID [68585](#)

mRNA Refseq [NM_024226](#)

Protein Refseq [NP_077188](#)

UniProt ID [Q99P72](#)

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