Recombinant Mouse Nsfl1c Protein, Myc/DDK-tagged

Cat. No. Nsfl1c-4507M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NSFL1 (p97) cofactor (p47) (Nsfl1c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Reduces the ATPase activity of VCP. Necessary for the fragmentation of Golgi stacks during mitosis and for VCP-mediated reassembly of Golgi stacks after mitosis. May play a role in VCP-mediated formation of transitional endoplasmic reticulum (tER). Inhibits the activity of CTSL (in vitro). Together with UBXN2B/p37, regulates the centrosomal levels of kinase AURKA/Aurora A during mitotic progression by promoting AURKA removal from centrosomes in prophase. Also, regulates spindle orientation during mitosis.
Molecular Mass	41 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

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

GENE INFORMATION

Gene Name	Nsfl1c NSFL1 (p97) cofactor (p47) [Mus musculus (house mouse)]
Official Symbol	Nsfl1c
Synonyms	NSFL1C; NSFL1 (p97) cofactor (p47); NSFL1 cofactor p47; p97 cofactor p47; p47; Stxbp3a; Munc-18c; MGC61403; MGC86097
Gene ID	386649
mRNA Refseq	NM_198326
Protein Refseq	NP_938085
UniProt ID	Q9CZ44

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