

Recombinant Mouse Nutf2 Protein, Myc/DDK-tagged

Cat. No. Nutf2-4560M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nuclear transport factor 2 (Nutf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mediates the import of GDP-bound RAN from the cytoplasm into the nucleus which is essential for the function of RAN in cargo receptor-mediated nucleocytoplasmic transport. Thereby, plays indirectly a more general role in cargo receptor-mediated nucleocytoplasmic transport. Interacts with GDP-bound RAN in the cytosol, recruits it to the nuclear pore complex via its interaction with nucleoporins and promotes its nuclear import.
Molecular Mass	14.5 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 Nutf2 nuclear transport factor 2 [Mus musculus (house mouse)]

Official Symbol Nutf2

Synonyms NUTF2; nuclear transport factor 2; NTF-2; Ntf2; Ntf3; PP15; AI115459; AI413596; AW546000; 2700067I02Rik; MGC102015

Gene ID 68051

mRNA Refseq NM_026532

Protein Refseq NP_080808

UniProt ID P61971

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