

Recombinant Mouse Nsf Protein, Myc/DDK-tagged

Cat. No. Nsf-4506M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length N-ethylmaleimide sensitive fusion protein (Nsf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seems to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack GRIA2 leads to influence GRIA2 membrane cycling.
Molecular Mass	82.6 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nsf N-ethylmaleimide sensitive fusion protein [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nsf
Synonyms	NSF; N-ethylmaleimide sensitive fusion protein; vesicle-fusing ATPase; NEM-sensitive fusion protein; vesicular-fusion protein NSF; N-ethylmaleimide sensitive factor; N-ethylmaleimide-sensitive fusion protein; suppressor of K(+) transport growth defect 2; SKD2; AI316878; AU020090; AU067812
Gene ID	18195
mRNA Refseq	NM_008740
Protein Refseq	NP_032766
UniProt ID	P46460

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