

## Product datasheet for TP510421

### Nsf (NM\_008740) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse N-ethylmaleimide sensitive fusion protein (Nsf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210421 protein sequence Red=Cloning site Green=Tags(s)

MAGRTMQAARCPTDELSLSNCAVNEKDFQSGQHVMVRTSPNHKYIFTLRTHPSVPGCIAFSLPQRKWA  
GLSIGQDIEVALYSFDKAKQCIGTMTIEIDFLQKKNIDSNPYDTDKMAAEFIQQFNNQAFSVGQQLVFSF  
NDKLFGLLVKDIEAMDPSILKGEPASGKRQKIEVGLVVGNSQVAFEKAENSSLNLIGKAKTKENRQSIIN  
PDWNFEKMGIGGLDKEFSDIFRRASFASRVFPPEIVEQMGCKHVKGILLYGPPGCGKTLARQIGKMLNAR  
EPKVVNGPEILNKYVGESEANIRKLFADAEEEEQRRLGANSGLHIIIFDEIDAICKQRGSMAGSTGVHDTV  
VNQLLSKIDGVEQLNINILVIGMTNRPDLIDEALLRPGRLEVKMEIGLPDEKGRQLIHIHTARMRGHQLL  
SADVDIKELAVETKNFSGAELEGLVRAAQSTAMNRHIKASTKVEVDMEKAESLQVTRGDFLASLENDIKP  
AFGTNQEDYASYIMNGIIKWGDVPVTRVLDDGELLVQQTKNSDRTPLVSVLLEGGPPHSGKTALAAKIAEES  
NFPFIKICSPDKMIGFSETAKCQAMKKIFDDAYKSQLSCVWDDIERLLDYVPIGPRFSNLVLQALLVLL  
KKAPPQGRKLLIIGTTSRKDVLQEMEMLNAFSTTIHVPNIATGEQLLEALELLGNFKDKERTTIAQQVKG  
KKVWIGIKLLMLIEMSLQMDPEYRVRKFLALMREEGASPLDFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	82.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_032766</a>
<b>Locus ID:</b>	18195
<b>UniProt ID:</b>	<a href="#">P46460</a>
<b>RefSeq Size:</b>	3766
<b>Cytogenetics:</b>	11 67.54 cM
<b>RefSeq ORF:</b>	2235
<b>Synonyms:</b>	AI316878; AU020090; AU067812; SKD2
<b>Summary:</b>	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 (By similarity).[UniProtKB/Swiss-Prot Function]