

## Recombinant Mouse Nes Protein, Myc/DDK-tagged

Cat. No. Nes-4377M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length nestin (Nes), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Required for brain and eye development. Promotes the disassembly of phosphorylated vimentin intermediate filaments (IF) during mitosis and may play a role in the trafficking and distribution of IF proteins and other cellular factors to daughter cells during progenitor cell division. Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.
<b>Molecular Mass</b>	207.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Nes nestin [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Nes
<b>Synonyms</b>	NES; nestin; intermediate filament protein; C78523; ESTM46; AA166324
<b>Gene ID</b>	18008
<b>mRNA Refseq</b>	NM_016701
<b>Protein Refseq</b>	NP_057910
<b>UniProt ID</b>	Q6P5H2

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