

# Recombinant Full Length Human NES Protein, C-Flag-tagged

Cat. No. NES-1135HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human NES Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	177.3 kDa
<b>AA Sequence</b>	MEGCMGEESFQMWELNRRLEAYLARVKALEEQNELLSAELGGLRAQSADTSWRA HADDELAALRALVDQR WREKHAAEVARDNLAEELEGVAGRCQQLRLARERTTEEV ARNRRAVEAEKCARAWLSSQVAELERELEAL RVAHEEERVGLNAQAACAPRCPAP PRGPPAPAPEVEELARRLGEAWRGAVRGYQERVAHMETSLGQARER LGRAVQGA REGRLQLQAERGGLLERRAALEQRLEGRWQERLRATEKFQLAVEALEQEKGQ LQSQIAQ VLEGRQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGGGSKTSLSFQDP KLELQFPRTPEGRRLGSLLPV LSPTSLPSPLPATLETPVPAFLKNQEFLQARTPTLAS TPIPPTPQAPSPAVIDAEIRAQDAPLSLLQTQGG RKQAPEPLRAEARVAIPASVLPGP EEPGGQRQEASTGQSPEDHASLAPPLSPDHSSLEAKDGESGGSRVF SICRGELEG QIWGLVEKETAIEGKVVSSLQQEIWEEEDLNRKEIQDSQVPLEKETLKS LGEEIQESL KTL ENQSHETLERENQECPRSLEEDLETLSLEKENKELLKDVEVVRPLEKEAVGQL

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KPTGKEDTQTLQSLQK ENQELMKSLEGNLETFLFPGTENQELVSSLQENLESALTAL  
 EKENQEPLRSPEVGDDEALRPLTKENQEPL RSLEDENKEAFRSLEKENQEPLKTLTLE  
 EEDQSIVRPLETENHKSLRSLEEQDQETLRTLEKETQQRRLSLG EQDQMTLRPPEK  
 VDLEPLKSLDQEIARPLENENQEFLKSLKEESVEAVKSLETEILESLKSAGQENLETL  
 KSPETQAPLWTPPEINQGAMNPLEKEIQEPLESVEVNQETFRLLLEENQESLRSLSGA  
 WNLENLRSPEEVD KESQRNLEEEENLGKGEYQESLRSLEEEGQELPQSADVQRW  
 EDTVEKDQELAQESPPGMAGVENEDEAEL NLREQDGFTEGKEEVVEQGELNATEEV  
 WIPGEGHPESPEPKQRGLVEGASVKGGAEGLQDPEGQSQVGA PGLQAPQGLP  
 EAIEPLVEDDVAPGGDQASPEVMLGSEPAMGESAAGAEPGPGQGVGGLGDPGHILT  
 REEVM EPPLEESLEAKRVQGLEGPRKDLLEEAGGLGTEFSELPGKSRDPWEPPRE  
 GREESEAEAPRGAEAEFPAE TLGHTGSDAPSPWPLGSEEAEDVPPVLVSPSPTY  
 TPILEDAPGPQQAEGSQEASWGVQGRAEALGKVE SEQEELGSGEIPEGPQEEGE  
 ESREESEDELGETLPDSTPLGFYLRSPSPRWDPTGEQRPPPQGETGKE GWDP  
 AVLASEGLEAPPSEKEEGEGEEECGRDSDLSEEFEDLGTEAPFLPGVPGEVAEPL  
 GQVPQLLLDP AAWDRDGEDSGFADEEESGEEGEEDQEEGREPGAGRWGPSSV  
 GSLQALSSSQRGEFLESVSVSPVWD DSLRGAVAGAPKTALETESQDSAEPSSG  
 EEESDPVSLEREDKVPGPLEIPSGMEDAGPGADIIGVNGQGP NLEGKSQHVNGGV  
 MNGLEQSEEVGQGMPLVSEGDRGSPFQEEEGSALKTSWAGAPVHLGQGGQFLKFT  
 QRE  
 GDRESWSSGEDSGPTRRTRRLEQKLISEEDLAANDILDYKDDDDKV

<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.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.

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<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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<b>Protein Families</b>	ES Cell Differentiation/IPS
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<b>Full Length</b>	Full L.
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## GENE INFORMATION

<b>Gene Name</b>	NES nestin [ Homo sapiens (human) ]
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<b>Official Symbol</b>	NES
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<b>Synonyms</b>	Nbla00170
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<b>Gene ID</b>	10763
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<b>mRNA Refseq</b>	NM_006617.2
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<b>Protein Refseq</b>	NP_006608.1
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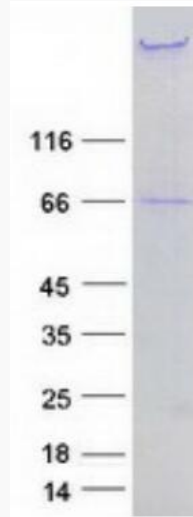
<b>MIM</b>	600915
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<b>UniProt ID</b>	P48681
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Coomassie blue staining of purified NES protein.

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