

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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human NES Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	177.3 kDa
AA Sequence	MEGCMGEESFQMWELNRRLEAYLARVKALEEQNELLSAELGGLRAQSADTSWRA HADDELAALRALVDQR WREKHAAEVARDNLAAEELEGVAGRCQQLRLARERTTEEV ARNRRAVEAEKCARAWLSSQVAELERELEAL RVAHEEERVGLNAQAACAPRC PAP PRGPPAPAPEVEELARRLGEAWRGAVRGYQERVAHMETSLGQARER LGRAVQGA REGRLELQQLQAERGGLLERRAALEQRLEGRWQERLRATEKFQLAVEALEQEKG LQSQIAQ VLEGRQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGGGSKTSLSFQDP KLELQFPRTPEGRRLGSLLPV LSPTSLPSPLPATLETPVPAFLKNQEFLQARTPTLAS TPIPPTPQAPSPAVDAEIRAQDAPLSLLQTQGG RKQAPEPLRAEARVAIPASVLPGP EETGGQRQEASTGQSPEDHASLAPPLSPDHSSLEAKDGESGGSRVF SICRGE GEG QIWGLVEKETAIEGKVSSSLQQEIWEEEDLNRKEIQDSQVPLEKETLKS LGEEIQESL KTL ENQSHETLERENQECPRSLEEDLETLSLEKENKELLKDVEVVRPLEKEAVGQL

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KPTGKEDTQTLQSLQK ENQELMKSLEGNLETFLFPGTENQELVSSLQENLESLTAL
 EKENQEPLRSPEVGDEEALRPLTKENQEPL RSLEDENKEAFRSLEKENQEPLKTLTLE
 EEDQSIVRPLETENHKSLRSLEEQDQETLRTLEKETQQRRLSLG EQDQMTLRPPEK
 VDLEPLKSLDQEIARPLENENQEFLKSLKEESVEAVKSLETEILESLSAGQENLET
 KSPETQAPLWTPPEINQGAMNPLEKEIQEPLESVEVNQETFRLLLEENQESLRSLSGA
 WNLENLRSPEEVD KESQRNLEEEENLGKGEYQESLRSLEEEGQELPQSADVQRW
 EDTVEKDQELAQESPPGMAGVENEDEAEL NLREQDGFTGKEEVVEQGELNATEEV
 WIPGEGHPESPEPKEQRGLVEGASVKGGAEGLDPEGQSQQVGA PGLQAPQGLP
 EAIEPLVEDDVAPGGDQASPEVMLGSEPAMGESAAGAEPGPGQGVGGLGDPGHLT
 REEVM EPPLEESLEAKRVQGLEGPRKDLEEAGGLGTEFSELPGKSRDPWEPPRE
 GREESEAEAPRGAEAEAPAE TLGHTGSDAPSPWPLGSEEAEDVPPVLVSPSPTY
 TPILEDAPGPQPQAEGSQEASWGVQGRAEALGKVE SEQEELGSGEIPEGPQEEGE
 ESREESEDELGETLPDSTPLGFYLRSPSPRWDPTEQRRPPQGETGKE GWDP
 AVLASEGLEAPPSEKEEGEGEEECGRDSDLSEEFEDLGTEAPFLPGVPGEVAEPL
 GQVPQLLLDP AAWDRDGESDGFADDEESGEEGEEDQEEGREPGAGRWGPGSSV
 GSLQALSSSQRGEFLESDSVSVSPWD DSLRGAVAGAPKTALETESQDSAEPGSGS
 EEESDPVSLEREDKVPGPLEIPSGMEDAGPGADIIGVNGQGP NLEGKSQHVNGGV
 MNGLEQSEEVGQGMPLVSEGDRGSPFQEEEGSALKTSWAGAPVHLGQGQFLKFT
 QRE
 GDRESWSSGEDSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

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

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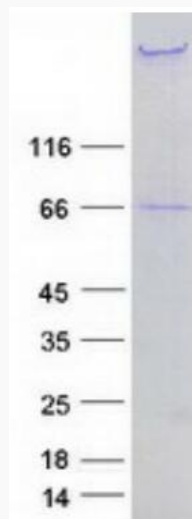
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Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	ES Cell Differentiation/IPS
Full Length	Full L.
GENE INFORMATION	
Gene Name	NES nestin [Homo sapiens (human)]
Official Symbol	NES
Synonyms	Nbla00170
Gene ID	10763
mRNA Refseq	NM_006617.2
Protein Refseq	NP_006608.1
MIM	600915
UniProt ID	P48681

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Coomassie blue staining of purified NES protein.

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