

## Product datasheet for **TP318197L**

### **Nestin (NES) (NM\_006617) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens nestin (NES), 1 mg
Species:	Human
Expression Host:	HEK293T

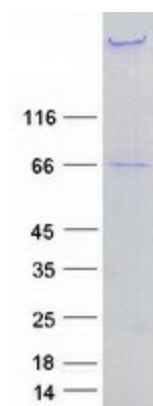


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<b>Expression cDNA Clone or AA Sequence:</b>	>RC218197 representing NM_006617 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)
	<p>MEGCMGEESFQMWELNRRLEAYLARVKALEEQNELLSAELGGLRAQSADTSWRAHADDELAALRALVDQR  WREKHAAEVARDNLAEELEGVAGRCQQLRLARERTTEEVARNRRAVEAEKCARAWLSSQVAELERELEAL  RVAHEEERVGLNAQAACAPRCPPAPRGPPAPAPEVEELARRLGEAWRGAVRGYQERVAHMETS LGQARER  LGRAVQGAREGRLELQQLQAERGGLLERRAALEQRLEGRWQERLRATEKFQLAVEALEQEKGQLQSQIAQ  VLEGRQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGGGSKTSLSFQDPKLELQFPRTPEGRRLGSLLPV  LSPTSLPSPLPATLETPVPAFLKNQEFQARTPTLASTPIPPTPQAPSPAVDAEIRAQDAPLSLLQTQGG  RKQAPEPLRAEARVAIPASVLPGPPEEGGQRQEASTGQSPEDHASLAPPLSPDHSSLEAKDGESGSRVF  SICRGE GEGQIWGLVEKETAIEGKVVSSLQQEIWEEEDLNRKEIQDSQVPLEKETLKS LGEEIQESLKT  ENQSHETLERENQECPRSLEEDLETLSLEKENKELLKDVVVRPLEKEAVGQLKPTGKEDTQTLQSLQK  ENQELMKSLEGNLETFLPGTENQELVSSLQENLES LTALEKENQEPLRSPEVGDDEALRPLTKENQEPL  RSLEDENKEAFRSLEKENQEPLKTL EEEDQSIVRPLETENHKSLRSLEE QDQETLRTLEKETQRRRSLG  EQDQMTLRPPEKVDLEPLKSLDQEIARPLENENQEFKSLKEESVEAVKSLETEILESLKSAGQENLETL  KSPETQAPLWTPPEINQGAMNPLEKEIQEPLESVEVNQETFRLL EENQESLRS LGAWNLENLRSPEEVD  KESQRNLEEEENL GKGEYQESLRSLEEEGQELPQSADVQRWEDTVEKDQELAQESPPGMAGVENEDEAEL  NLREQDGF TGKEEVEQ GELNATEEVWIPGEGHPESPEPKEQRGLVEGASVKGGA EQLDPEGQSQQVGA  PGLQAPQGLPEAIEPLVEDDVAPGGDQASPEVMLGSE PAMGESAAGAEPGPQGQVGG LGDPGHLTREEVM  EPPEEESLEAKRVQGLEGPRKDLEEAGGLGTEFSELPGKSRDPWEPPREGRESEAEAPRGAE EAFP AE  TLGHTGSDAPSPWPLGSEEAEDVPPVLVSPSTYTPILEDAPGPQQAEGSQEASWGVQGRAEALGKVE  SEQEELGSGEIPGPQEEGEEESREESEED ELGETLPDSTPLGFYLRSP TSPRWDPTGEQRPPPQGETGKE  GWDPAVLASEGLEAPPSEKEEGEEGEEECGRDSDLSEEFEDLGTEAPFLPGVPGVEA EPLGQV PQLLLDP  AAWDRDGEDSGFADEEESGEEG EEDQEEGREPGAGRWGPGSSVGS LQALSSSQRGEFLES DSVSVSPWD  DSLRGAVAGAPKTALETESQDSAEP SGSEESDPVSLEREDKVPGL EIPSGMEDAGPGADIIGVNGQGP  NLEGKSQHVNGGVMNGLEQSEEVGQGMPLVSE GDRGSPFQEEEGSALKT SWAGAPVHLGQGQFLKFTQRE  GDRESWSSGED</p> <p><span style="color: red;">SGP</span><span style="color: green;">TRRRLEQKLISEEDLAANDILDYKDDDDKV</span></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	177.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.

<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_006608</a>
<b>Locus ID:</b>	10763
<b>UniProt ID:</b>	<a href="#">P48681</a> , <a href="#">Q9H6U9</a>
<b>RefSeq Size:</b>	5591
<b>Cytogenetics:</b>	1q23.1
<b>RefSeq ORF:</b>	4863
<b>Synonyms:</b>	Nbla00170
<b>Summary:</b>	This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells. [provided by RefSeq, Sep 2011]
<b>Protein Families:</b>	ES Cell Differentiation/IPS

### Product images:



Coomassie blue staining of purified NES protein (Cat# [TP318197]). The protein was produced from HEK293T cells transfected with NES cDNA clone (Cat# [RC218197]) using MegaTran 2.0 (Cat# [TT210002]).