

## Product datasheet for PH318197

### Nestin (NES) (NM\_006617) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NES MS Standard C13 and N15-labeled recombinant protein (NP_006608)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218197
Predicted MW:	177.3 kDa
Protein Sequence:	>RC218197 representing NM_006617 Red=Cloning site Green=Tags(s)

MEGCMGEESFQMWELNRRLEAYLARVKALEEQNELLSAELGGLRAQSADTSWRAHADDELAALRALVDQR  
WREKHAAEVARDNLAAEELEGVAGRCQQLRLARERTTEEVARNRRAVEAEKCARAWLSSQVAELERELEAL  
RYAHEEERVGLNAQAACAPRCPAPPRGPPAPAPEVEELARRLGEAWRGAVRGYQERVAHMETSLGQARER  
LGRAVQGAREGRLELQQLQAERGGLLERRAALQRLQERWQERLRATEKFLAVEALEQEKGQLQSQIAQ  
VLEGRQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGGGSKTSLSFQDPKLELQFPRTPEGRRLGSLLPV  
LSPTSLPSPLPATLETPVPAFLKNQEFQARTPTLASTPIPPTQAPSPAVDAEIRAQDAPLSLLQTQGG  
RKQAPEPLRAEARVAIPASVLPGPPEEGGQRQEASTGQSPEDHASLAPPLSPDHSSLEAKDGESGGSRVF  
SICRGEQEQIWLVEKETAIEGKVVSSQLQEQIWEEDLNKRKEIQDSQVPLEKETLKSLEGEEIQESLKT  
ENQSHETLERENQECPRSLEEDLETLKSLEKENKELLKDVEVVRPLEKEAVGQLKPTGKEDTQTLQSLQK  
ENQELMKSLEGNLETFLPFGTENQELVSSLQENLESLTALEKENQEPLRSPEVGDDEALRPLTKENQEPL  
RSLEDENKEAFRSLEKENQEPLKTEEEEDQSIVRPLETENHKSLSRLEEEDQETLRTLEKETQRRRSLG  
EQDQMTLRPPEKVDLEPLKSLDQEIARPLENENQEFLLKSLKEESVEAVKSLETEILESLKSAGQENLETL  
KSPETQAPLWTPPEEINQGANPLEKEIQEPLSVEVNQETFRLLLEENQESLRSLGAWNLENLRSPPEVD  
KESQRNLEEEENLKGGEYQESLRSLEEEGQELPQSADVQRWEDTVEKDQELAQESPPGMAGVENEDAEL  
NLREQDGF TGKEEVVEQELNATEEVWIPGEGHPESPEPKQRGLVEGASVKGGAEGLQDPEGQSQQVGA  
PGLQAPQGLPEAIEPLVEDDVAPGGDQASPEVMLGSEPMGESAAGAEPGQGVGGLGDPGHLTREEVM  
EPPLLEESLEAKRVQGLEGRKDLLEEAGLGTSELPKSRDPWEPPREGREESEAEAPRGAAEAFPAE  
TLGHTGSDAPSPWPLGSEEAEDVPPVLVSPSPTYTPILEDAPGPQPQAEQSQAESWGVQGRAEALGKVE  
SEQEELGSGEIPGEPQEEGEEESREESEDELGETLPDSTPLGFYLRSPSPRWDPTEGQRPQPGETGKE  
GWDPAVLASEGLEAPPSEKEEGEEGEEECGRSDSLEEFEDLGTAPFLPGVPGEVAEPLGQVPLLLDP  
AAWRDRGSDGFADDEESGEEGEEEDQEEGREGPAGRWGPGSSVGSQALSSSQRGEFLSDSVSVSPWD  
DSLARGAVAGPKTALETESQDSAEPGSEESDPVSLEREDKVPGLPIPSGMEDAGPGADIIGVNGQGP  
NLEKGSQHVNGGVMNGLEQSEEVGQGMPLVSEGDRGSPFQEEEGSALKTSWAGAPVHLGQGQFLKFTQRE  
GDRESWSSGED

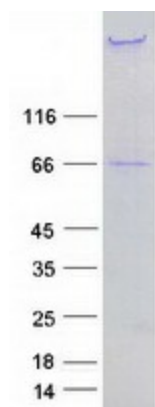
SGPTRRRLEQKLISEEDLAANDILDYKDDDDK



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Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006608</a>
RefSeq Size:	5591
RefSeq ORF:	4863
Synonyms:	Nbla00170
Locus ID:	10763
UniProt ID:	<a href="#">P48681</a> , <a href="#">Q9H6U9</a>
Cytogenetics:	1q23.1
Summary:	This gene encodes a member of the intermediate filament protein family and is expressed primarily in nerve cells. [provided by RefSeq, Sep 2011]
Protein Families:	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]).