

Product datasheet for **TP512093**

Nes (NM_016701) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse nestin (Nes), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T



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Expression cDNA >MR212093 representing NM_016701
Clone or AA **Red**=Cloning site **Green**=Tags(s)
Sequence:

MEGCVGEESFQMWELNRRLEAYLTRVKTLEEQNQLLSAELGGLRAQSGDASWRARADDELAALRVLVDQR
WREKHEAEVQRDNLAEELESVAGRCQQVRLARERTIEEAACSRRALEAEKNARGWLSTQAAELERELEAL
RASHEEERAHLNAQAACPPRRPPAPAHASPIRAPEVEELARRLGEVWRGAVRDYQERVAHMESSLGQARE
RLGQAVRGARESRLVQQLQADRDSLQERREALEQRLEGRWQDRLQATEKFQLAVEALEQEKQGLQSQIA
QILEGGQQLAHLKMSLSLEVATYRTLLEAENSRLQTPGRSSQASLGFPDPKLLHFLGIPEDQHLGVSVP
VLSPTSFSSPLNPTLETPVTAFLKTQEFKARTPTLASTPIPPMSEAPYPKNAEVRAQDVPHSLLQGGRQ
QAPEPLWAEATVPSSTGVLPELEEPGGEQPDHFPDDPTSLAPPLNPHHSILEAKDRESSESRSVSSIFQEE
EGQIWELVKKEAATEVKVENSQAQIEQESGLDTEEIQDSQGPLQMETLEALGDEPLMSLKTQNHETPGKE
NCNSSIEENSGTVKSPEKEKQTPKLSLEEKNVEAEKTELENGVLELSKPLGEEEEPRMEDQELMSPEHTLET
VSFLGKENQEVRSSEEQNLESLITFKESQYPLGGPEAEDQMLERLVEKEDQRFPRSPPEEDQQAFRPLE
KENQEPLRFEEAEDQVLERLIEKERQESLKSPEEEDQQAFLLEKENQEPLRFEDAEDQVLERLIEKERQ
ESLKSPEEEDQQAFLLEKENQEPLRFEEAEDQVLERLVEKESQESLKSPEEEDQRTGKPLEKENQESLR
SLDENQETIVLLESKNQRPLRSLEVEEEEQRIVKPLEKVSQVSLESLEKENVQSPRYLEDDHMIKSLE
DKTHEILGSLEDRNGENFIPPENETQGSRLPPEEEDQRIVNHLEKESQEFLRSPEAEQVMVRSLEG
ENHDPLSSVWKEEQMAESKLENESQDSRKSLEDESQETFGSLEKENLESLSLAGQDQEEQKLEQETQQP
LRAVEDEQMTVNPPEKVDPELPKPLRNDQEVVRSLDKENQESLVSLNEGGMETVKSSETENIESLETVGE
CLGRRKSVDTQEPLWSTEVTSETIEPLEDETQEPLGCVDENQEVLTPLERESQELRSLGKWNPETVESPG
GVEDSQQCLEVEEGPEREQHQESLRLSGEVWELPGSGSQQRWEDVVEDGEGQEASLGATGVETEDKAEL
HLRGQGGEEKAVEEGELLQDAVGEAWSLGSEPEKQRVPAEPLDDLEGQPEQTGTLEVPVAQGMPEATEQ
DEDRAQAGEQDSVEVTLGLEAARAGLELEQEVVGLDPRHFAREEAIHPSLGEESVKAKIDQGLEEPGKE
PKEAGALDSGIPELPKTSSETLECKGWEESEGGWEGEEASLETSDEHESHAPQPRPPKTEEDEGLQAALT
VPGPKLLEPCSPIILTDAHELQPQAEGIQEAGWQPEAGTEALGRVEDEPEFGRGEIPEGLQDWEEGRED
SEADELGETLPDSTPLGLYLKSPASPKWEQAGEQRLFPQGEARKEGWSPAALAAQGLSDPPEEEQGHDS
DLSSEEFEDLGTEASLLPGVPKEVSDHLGQEPVLPACWDQGGESDGFADDEESGEEGEEEDADEEEGA
ESGTQWWGPGPSGGGVKVDVTQRGDLEHESVGDGLWDDGLSGAAANVLVTALETVSQDSAEPGSEGS
ESASLEGEEGQAIDHLDAPQEVTSVVPAGDTFDISGQGNLESEQVNGRMENGLQAEQVVLHGDEDQ
GIPLQEQGTLKAPLVGSPVHLGPSQPLKFTLSGVDGDSWSSGED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 207.1 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.

Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_057910</u>
Locus ID:	18008
UniProt ID:	<u>Q6P5H2</u>
RefSeq Size:	6143
Cytogenetics:	3 38.78 cM
RefSeq ORF:	5592
Synonyms:	AA166324; C78523; ESTM46; Ifaprc2; Marc2; RC2
Summary:	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 (By similarity). Required for survival, renewal and mitogen-stimulated proliferation of neural progenitor cells.[UniProtKB/Swiss-Prot Function]