

Full-Length

NES (Human) Recombinant Protein (P01)

Catalog # H00010763-P01

Size 50 ug

Specification

Product Description	Human NES full-length ORF (BAB15153.1, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGVENEDEAELNLREQGGFTGKEEVVEQGE LNATEEVWIPGEGHPESPEPKEQRGLVEGASV KGGAEGLQDPEGQSQQVGAPGLQAPQGLPEAIEPLVEDDVAPGGDQASPEVMLGSEPAMGES AAGAEPGLGQGVGGLGDPGHLTREEVMEPPLEESLEAKRVQGLEGPRKDLEEAGGLGTEFSE LPGKSRDPWEPPREGREESEAEAPRGAEAFPAETLGHTGSDAPSPWPLGSEEAEDVPPVL VSPSPTYPILEDAPGPQPQAEGSQEASWGVQGRAEALGKVESEQEELGSGEIPEGLQEEGEE SREESEEDQEEGREPGAGRWGPSSVGS LQALSSSQRGEFLESDSVSVSPWDDSLRGAVA GAPKTALETESQDSAEPGSGSEESDPVSLERENKVPGLEIPSGMEDAARGRHWC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	71.4
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — NES

Entrez GeneID [10763](#)

GeneBank Accession# [AK025494.1](#)

Protein Accession# [BAB15153.1](#)

Gene Name NES

Gene Alias FLJ21841, Nbla00170

Gene Description nestin

Omim ID [600915](#)

Gene Ontology [Hyperlink](#)

Gene Summary Nestin is an intermediate filament protein that was first identified with a monoclonal antibody by Hockfield and McKay (1985) [PubMed 4078630]. It is expressed predominantly in stem cells of the central nervous system in the neural tube. Upon terminal neural differentiation, nestin is downregulated and replaced by neurofilaments.[supplied by OMIM]

Other Designations OTTHUMP00000032198

Disease

- [Atherosclerosis](#)
- [Coronary Disease](#)