

# Recombinant Human ENAH Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ENAH-1818H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ENAH MS Standard C13 and N15-labeled recombinant protein (NP_060682) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a member of the enabled/ vasodilator-stimulated phosphoprotein. Members of this gene family are involved in actin-based motility. This protein is involved in regulating the assembly of actin filaments and modulates cell adhesion and motility. Alternate splice variants of this gene have been correlated with tumor invasiveness in certain tissues and these variants may serve as prognostic markers. A pseudogene of this gene is found on chromosome 3. |
| <b>Molecular Mass</b>   | 63.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MSEQSICQARAAMVYDDANKKWVPAGGSTGFSRVHIYHHTGNNTFRVVGRKIQD<br>HQVVINCAIPKGLKYNQATQTFHQWRDARQVYGLNFGSKEDANVFASAMMHAEVL<br>NSQETGPTLPRQNSQLPAQVQNGPSQEELEIQRRLQEQQRQKELERERLERERM<br>ERERLERERLERERLERERLEQEQLERERQERERQERLERQERLERQERLERQER<br>LDRERQERQERERLERLERERQERERQEQLEREQLEWERERRISSAAAPASVETPL<br>NSVLGDSSASEPGLQAASQPAETPSQQGIVLGPLAPPPPPPLPPGPAQASVALPPP<br>PGPPPPPPPLPSTGPPPPPPPPPLPNQVPPPPPPPPAPPLPASGFFLASMSEDNRPL                                                         |

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TGLAAAIAGAKLRKVSRLMEDTSFPPSGGNAIGVNSASSKTDTRGRNGPLPLGGSGLM  
EEMSALLARRRRRIAIEKGSTIETEQKEDKGEDSEPVTSKASSTSTPEPTRKPPWERTNT  
MNGSKSPVISRPKSTPLSQPSANGVQTEGLDYDRLKQDILDEMRKELTKLKEELIDAI  
RQELSKSNTATRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** ENAH ENAH actin regulator [ Homo sapiens (human) ]

**Official Symbol** ENAH

**Synonyms** ENAH; enabled homolog (Drosophila); protein enabled homolog; FLJ10773; MENA; NDPP1; ENA;

**Gene ID** 55740

**mRNA Refseq** NM\_018212

**Protein Refseq** NP\_060682

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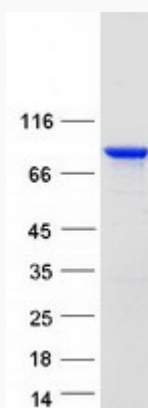
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MIM 609061

UniProt ID Q8N8S7

SDS-PAGE



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