

Recombinant Full Length Human ENAH Protein, Flag tagged

Cat. No. ENAH-22HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human enabled homolog (Drosophila) (ENAH), transcript variant 2 with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-591 aa
Description	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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	63.7 kDa
AASequence	MSEQSICQARAAMVYDDANKKWVPAGGSTGFSRVHIYHHTGNNTFRVVGRIQD HQQVINCAIPKGLKYNQATQTFHQWRDARQVYGLNFGSKEDANVFASAMMHAEVL NSQETGPTLPRQNSQLPAQVQNGPSQEELEIQRRQLQEQQRQKELERERLERERM ERERLERERLERERLERERLEQEQLERERQERERQERLERQERLERQERLERQER LDRERQERQERERLERERERQERERQEQLEREQLEWERERRISSAAPASVETPL

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NSVLGDSSASEPGLQAASQPAETPSQQGIVLGPLAPPPPPPLPPGPAQASVALPPP
 PGPPPPPPPLPSTGPPPPPPPPPLPNQVPPPPPPPPAPPLPASGFFFLASMSSEDNRP
 TGLAAAIAGAKLRKVS RMEDTSFPSGGNAIGVNSASSKTD TGRGNGPLPLGGSGLM
 EEMSALLARRRRRIA EKGSTIETE QKEDKGEDSEPVTSKASSTSTPEPTRK PWERTNT
 MNGSKSPVISRPKSTPLSQPSANGVQTEGLDYDRLKQDILDEM RKELTKLKEELIDAI
 RQELSKSNTATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Notes 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 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration > 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

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

Official Symbol ENAH

Synonyms ENAH; ENAH actin regulator; ENA; MENA; NDPP1; protein enabled homolog; Mena delta 11a; enabled homolog

Gene ID 55740

mRNA Refseq NM_018212

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Protein Refseq	NP_060682
MIM	609061
UniProt ID	Q8N8S7

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