

Recombinant Full Length Human ENAH Protein, C-Flag-tagged

Cat. No. ENAH-1810HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ENAH Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	66.3 kDa
AA Sequence	MSEQSICQARAAMVYDDANKKWWVPAGGSTGFSRVHIYHHTGNNTFRVVGRKIQD HQVVINCAIPKGLKY NQATQTFHQWRDARQVYGLNFGSKEDANVFASAMMHALEV LNSQETGPTLPRQNSQLPAQVQNGPSQEEL EIQRRQLQEQQRQKELERERLERER MERERLERERLERERLERERLEQEQLERERQERERQERLERQERL ERQERLERQE RLDRERQERQERERLERERERQERERQEQLEREQLEWERERRISSAAAPASVET PLNSV LGDSSASEPGLQAASQPAETPSQQGIVLGPLAPPPPPPLPPGPAQASVALP PPPGPPPPPPPLPSTGPPPP PPPPLPNQVPPPPPPPPAPPLPASGFFFLASMSSEDNR

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PLTGLAAAIAGAKLRKVSRLMEDTSFPPSGGNAIG VNSASSKTDGTRGNGPLPLGGSG
 LMEEMSALLARRRRRIAIEKGSTIETEQKEDKGEDSEPVTSKASSTSTP EPIRKPWERT
 NTMNGSKSPVISRRDSPRKNQIVFDNRSYDSLHRPKSTPLSQPSANGVQTEGLDYY
 RLKQ
 DILDEMRKELTKLKEELIDAIRQELSKSNTATRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Regulation of actin cytoskeleton
Full Length	Full L.

GENE INFORMATION

Gene Name	ENAH ENAH actin regulator [Homo sapiens (human)]
Official Symbol	ENAH
Synonyms	ENA; MENA; NDPP1

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Gene ID	55740
mRNA Refseq	NM_001008493.3
Protein Refseq	NP_001008493.1
MIM	609061
UniProt ID	Q8N8S7



Coomassie blue staining of purified ENAH protein.