

Product datasheet for TP307200

HEF1 (NEDD9) (NM_006403) Human Recombinant Protein

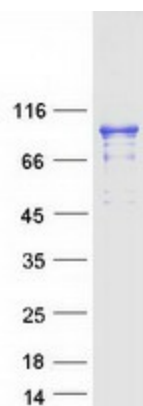
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neural precursor cell expressed, developmentally down-regulated 9 (NEDD9), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207200 protein sequence Red =Cloning site Green =Tags(s) MKYKNLMARALYDNPCEAEELAFRKGDILTVIEQNTGGLEGWWLCSLHGRQGIVPGNRVKLLIGPMQET ASSHEQPASGLMQQTFGQQKLYQVPNPQAAPRDTIYQVPPSYQNQGIYQVPTGHGTQEVEYQVPPSVQR SIGGTSGPHVGKKVITPVRTGHGYVYEYPSRYQKDVYDIPPSHTTQGVYDIPPSSAKGPVFSVPVGEIKP QGVYDIPPTKGVYAIPPSACRDEAGLREKDYDFPPPMRQAGRPDLRPEGVYDIPPTCTKPAGKDLHVKN CDIPGAAEPVARRHQSLSPNHPPPQLGQSVGSQNDAYDVPRGVQFLEPPAETSEKANPQERDGVYDVPLH NPPDAKGSRDLVDGINRLSFSSTGSTRSNMSTSSSTSSKESSLASPAQDKRLFLDPDTAIERLQRLQQAL EMGVSSLMALVTTDWRCYGYMERHINEIRTAVDKVELFLKEYLHFVKGAVANAACLPELILHNKMKRELQ RVEDSHQILSQTSHDLNECSWSLNLAINKPQNKCDLDRFVMVAKTVPDDAKQLTTTINTNAEALFRPG PGSLLHLKNGPESIMNSTEYPHGGSQGQLLHPGDHKAQAHNKALPPGLSKEQAPDCSSSDGSESWMD DYD YVHLQGKEEFERQQKELLEKENIMKQNMQLHHQLSQFQLLEQEITKPVENDISKWKPSQSLPTTNSGV SAQDRQLLCFYDQCETHFISLLNAIDALFSCVSSAQPPIRFVAHSKFVILSAHKLFIGDTLTRQVTAQ DIRNKVMNSSNQLCEQLKTIVMATKMAALHYPSTTALQEMVHQVTDLSRNAQLFKRSLLEMATF TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	92.7 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


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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_006394</u>
Locus ID:	4739
UniProt ID:	<u>Q14511</u>
RefSeq Size:	4550
Cytogenetics:	6p24.2
RefSeq ORF:	2502
Synonyms:	CAS-L; CAS2; CASL; CASS2; HEF1
Summary:	The protein encoded by this gene is a member of the CRK-associated substrates family. Members of this family are adhesion docking molecules that mediate protein-protein interactions for signal transduction pathways. This protein is a focal adhesion protein that acts as a scaffold to regulate signaling complexes important in cell attachment, migration and invasion as well as apoptosis and the cell cycle. This protein has also been reported to have a role in cancer metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Product images:



Coomassie blue staining of purified NEDD9 protein (Cat# TP307200). The protein was produced from HEK293T cells transfected with NEDD9 cDNA clone (Cat# [RC207200]) using MegaTran 2.0 (Cat# [TT210002]).