

Product datasheet for **TP316696M**

HEY1 (NM_001040708) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hairy/enhancer-of-split related with YRPW motif 1 (HEY1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216696 representing NM_001040708 Red =Cloning site Green =Tags(s)

MKRAHPEYSSSDSELDIEVEKESADENGLSSALGMSPTTSSQILARKRRRRIIEKRRRDRINNSLS
ELRRLVPSAFEKQVMEQGSAKLEKAEILQMTVDHLKMLHTAGGKGYFDAHALAMDYRSLGFRECLAEVAR
YLSIIEGLDASDPLRVRLVSHLNNYASQREAASGAHAGLGHIPWGTVFGHHPHIAHPLLLPQNGHGNAGT
TASPTEPHHQGRGLGSAHPEAPALRAPPSSGLGPVLPVVTASAKLSPLLSSVASLSAFPFSFGSFHLLYP
NALSPSAPTQAANLGKPYRPWGTEIGAF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	32.9 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
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:	NP_001035798
Locus ID:	23462



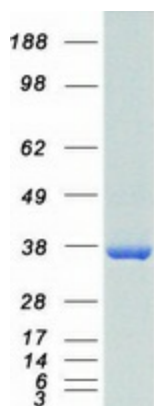
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UniProt ID: [Q9Y5J3](#)
RefSeq Size: 2331
Cytogenetics: 8q21.13
RefSeq ORF: 924
Synonyms: BHLHb31; CHF2; HERP2; HESR1; hHRT1; HRT-1; NERP2; OAF1

Summary: This gene encodes a nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified HEY1 protein (Cat# [TP316696]). The protein was produced from HEK293T cells transfected with HEY1 cDNA clone (Cat# [RC216696]) using MegaTran 2.0 (Cat# [TT210002]).