

Recombinant Human HEY2 Protein, MYC/DDK-tagged

Cat. No. HEY2-279H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HEY2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcription factors. The encoded protein forms homo- or hetero-dimers that localize to the nucleus and interact with a histone deacetylase complex to repress transcription. Expression of this gene is induced by the Notch signal transduction pathway. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternatively spliced transcript variants have been found, but their biological validity has not been determined.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	HEY2 hairy/enhancer-of-split related with YRPW motif 2 [Homo sapiens]
Official Symbol	HEY2
Synonyms	HEY2; hairy/enhancer-of-split related with YRPW motif 2; hairy/enhancer-of-split related with YRPW motif protein 2; bHLHb32; HERP1; HRT-2; hCHF1; hHRT2; HESR-2; protein gridlock homolog; HES-related repressor protein 1; HES-related repressor protein 2; hairy-related transcription factor 2; cardiovascular helix-loop-helix factor 1; class B basic helix-loop-helix protein 32; hairy and enhancer of split-related protein 2; cardiovascular basic helix-loop-helix factor 1; GRL; CHF1; HRT2; HESR2; GRIDLOCK; MGC10720;
Gene ID	23493
mRNA Refseq	NM_012259
Protein Refseq	NP_036391
MIM	604674
UniProt ID	Q9UBP5