# Recombinant Human HEY1 Protein, MYC/DDK-tagged

**Cat. No.** HEY1-260H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human HEY1, transcript variant 2, fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| **Species** | Human |
| **Source** | HEK293 |
| **Description** | 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. |
| **Form** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |
| **Molecular Mass** | 32.9 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** | HEY1 hairy/enhancer-of-split related with YRPW motif 1 [ Homo sapiens ] |

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| **Official Symbol** | HEY1 |
| **Synonyms** | HEY1; hairy/enhancer-of-split related with YRPW motif 1; hairy/enhancer-of-split related with YRPW motif protein 1; BHLHb31; CHF 2; CHF2; HERP2; HESR 1; HESR1; HRT 1; hHRT1; HES-related repressor protein 1; HES-related repressor protein 2; basic helix-loop-helix protein OAF1; hairy-related transcription factor 1; cardiovascular helix-loop-helix factor 2; class B basic helix-loop-helix protein 31; hairy and enhancer of split-related protein 1; OAF1; HRT-1; MGC1274; |
| **Gene ID** | 23462 |
| **mRNA Refseq** | NM_001040708 |
| **Protein Refseq** | NP_001035798 |
| **MIM** | 602953 |
| **UniProt ID** | Q9Y5J3 |

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