

## Recombinant Human HEY1, His-tagged

**Cat. No.** HEY1-1539H    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Recombinant Human HEY1 was expressed in <i>E. Coli</i> using an N-terminal His tag. MW= 35kDa.                                                                                                                                          |
| <b>Species</b>           | Human                                                                                                                                                                                                                                   |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                  |
| <b>Sequence</b>          | 1-304.                                                                                                                                                                                                                                  |
| <b>Purity</b>            | ~95%.                                                                                                                                                                                                                                   |
| <b>Specific Activity</b> | n/aH.                                                                                                                                                                                                                                   |
| <b>Preparation</b>       | 0.1mg/0.33 ml.                                                                                                                                                                                                                          |
| <b>Applications</b>      | E, WB, MS.                                                                                                                                                                                                                              |
| <b>Buffer</b>            | 10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN <sub>3</sub> , 10mM DTT.                                                                                                                                                              |
| <b>Storage</b>           | Store at -70°C. As with any protein, exposing HEY1 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature. |
| <b>SDS-PAGE</b>          | SDS PAGE Analysis of HEY1 Recombinant Protein. 4-20% SDS gradient gel. Cooma                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ssie blue staining.

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | HEY1 hairy/enhancer-of-split related with YRPW motif 1 [ Homo sapiens ]                                                                                                                                                                                                                                             |
| <b>Synonyms</b>            | HEY1; hairy/enhancer-of-split related with YRPW motif 1; CHF2; OAF1; HERP2; HESR1; HRT-1; BHLHb31; MGC1274; HES-related repressor protein 2; hairy/enhancer-of-split related with YRPW motif 1; basic helix-loop-helix protein OAF1; hairy-related transcription factor 1; cardiovascular helix-loop-helix factor 2 |
| <b>Gene ID</b>             | 23462                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | NM_001040708                                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_001035798                                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>                 | 602953                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | Q9Y5J3                                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 8q21                                                                                                                                                                                                                                                                                                                |
| <b>Function</b>            | transcription factor activity                                                                                                                                                                                                                                                                                       |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based  
on 2db7.



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA