

Recombinant Full Length Human HEY1 Protein, GST-tagged

Cat. No. HEY1-3528HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HEY1 full-length ORF (NP_036390, 1 a.a. - 304 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	304 amino acids
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. [provided by RefSeq]
Molecular Mass	59.07 kDa
AA Sequence	MKRAHPEYSSSDSELDETIEVEKESADENGNLSSALGSMSPPTTSSQILARKRRRGIIIE KRRRDRINNSLSELRRVLPSAFEKQGSAKLEKAEILQMTVDHLKMLHTAGGKGYFDA HALAMDYRSLGFRECLAEVARYLSIIEGLDASDPLRVRLVSHLNYYASQREAASGAH AGLGHIPWGTVFHGHPIAHPLLLPQNGHGNAGTTASPTEPHHQGRLGSAHPEAPA LRAPPSGSLGPVLPVVTASAKLSPPLLSSVASLSAFPFSFGSFHLLSPNALSPSAPTQ AANLGKPYRPWGTEIGAF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HEY1 hairy/enhancer-of-split related with YRPW motif 1 [Homo sapiens]
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

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UniProt ID

Q9Y5J3

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