



# Recombinant Human Hairy/enhancer-of-split related with YRPW motif protein 2 (HEY2)

<b>Product Code</b>	CSB-EP883365HU
<b>Abbreviation</b>	HEY2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9UBP5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKRPCEETTS ESDMDETIDV GSENNYSGQS TSSVIRLNSP TTTSQIMARK KRRGIIEKRR RDRINNSLSE LRRLVPTAFE KQGSACLEKA EILQMTVDHL KMLQATGGKG YFDAHALAMD FMSIGFRECL TEVARYLSSV EGLDSSDPLR VRLVSHLSTC ATQREAAAMT SSMARHHHPL HPHHWAAAFH HLPALLQPN GLHASESTPC RLSTTSEVPP AHGSALLTAT FAHADSALRM PSTGSVAPCV PPLSTSLLSL SATVHAAAAA ATAAHSFPL SFAGAFPMLP PNAAAVAAA TAISPLSVS ATSSPQQTSS GTNNKPYRPW GTEVGAF
<b>Source</b>	E.coli
<b>Target Names</b>	HEY2
<b>Protein Names</b>	Recommended name: Hairy/enhancer-of-split related with YRPW motif protein 2 Alternative name(s): Cardiovascular helix-loop-helix factor 1 Short name= hCHF1 Class B basic helix-loop-helix protein 32 Short name= bHLHb32 HES-rel
<b>Expression Region</b>	1-337
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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