Recombinant Human Hairy/enhancer-of-split related with YRPW motif protein 1 (HEY1)

Product Code	CSB-MP896909HU
Abbreviation	HEY1
Storage	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.
Uniprot No.	Q9Y5J3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKRAHPEYSS SDSELDETIE VEKESADENG NLSSALGSMS PTTSSQILAR KRRRGIIEKR RRDRINNSLS ELRRLVPSAF EKQGSAKLEK AEILQMTVDH LKMLHTAGGK GYFDAHALAM DYRSLGFREC LAEVARYLSI IEGLDASDPL RVRLVSHLNN YASQREAASG AHAGLGHIPW GTVFGHHPHI AHPLLLPQNG HGNAGTTASP TEPHHQGRLG SAHPEAPALR APPSGSLGPV LPVVTSASKL SPPLLSSVAS LSAFPFSFGS FHLLSPNALS PSAPTQAANL GKPYRPWGTE IGAF
Source	Mammalian cell
Target Names	HEY1
Protein Names	Recommended name: Hairy/enhancer-of-split related with YRPW motif protein 1 Alternative name(s): Cardiovascular helix-loop-helix factor 2 Short name= CHF-2 Class B basic helix-loop-helix protein 31 Short name= bHLHb31 HES-rel
Expression Region	1-304
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
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	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.