Recombinant Human HEYL, His-tagged

Cat. No. HEYL-13757H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HEYL protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-328a.a.
Description	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 sequence of the encoded protein contains a conserved bHLH and orange domain, but its YRPW motif has diverged from other HESR family members. It is thought to be an effector of Notch signaling and a regulator of cell fate decisions. Alternatively spliced transcript variants have been found, but their biological validity has not been determined.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	HEYL hairy/enhancer-of-split related with YRPW motif-like [Homo sapiens]

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Official Symbol	HEYL
Synonyms	HEYL; hairy/enhancer-of-split related with YRPW motif-like; hairy/enhancer-of-split related with YRPW motif-like protein; bHLHb33; hairy/enhancer of split related with YRPW motif 3; HEY3; HRT-3; hHRT3; hHeyL; HEY-like protein; hairy-related transcription factor 3; class B basic helix-loop-helix protein 33; hairy/enhancer-of-split related with YRPW motif 3; HRT3; MGC12623;
Gene ID	26508
mRNA Refseq	NM_014571
Protein Refseq	NP_055386
MIM	609034
UniProt ID	Q9NQ87
Chromosome Location	1p34.3
Pathway	NOTCH1 Intracellular Domain Regulates Transcription, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem; Signaling by NOTCH1, organism-specific biosystem;
Function	AF-1 domain binding; DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II core promoter sequence-specific DNA binding;

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