Recombinant Human HES6, His-tagged

Cat. No. HES6-13748H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HES6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-224a.a.
Description	This gene encodes a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. Members of this gene family regulate cell differentiation in numerous cell types. The protein encoded by this gene functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus. Alternatively spliced transcript variants encoding different isoforms have been described.
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	HES6 hairy and enhancer of split 6 (Drosophila) [Homo sapiens]

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Official Symbol	HES6
Synonyms	HES6; hairy and enhancer of split 6 (Drosophila); transcription cofactor HES-6; bHLHb41; C-HAIRY1; class B basic helix-loop-helix protein 41; HES-6; bHLHc23;
Gene ID	55502
mRNA Refseq	NM_001142853
Protein Refseq	NP_001136325
MIM	610331
UniProt ID	Q96HZ4
Chromosome Location	2q37.3
Pathway	Delta-Notch Signaling Pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem;
Function	DNA binding; sequence-specific DNA binding transcription factor activity; transcription cofactor activity; transcription factor binding;

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