

## Recombinant Human HES5 Protein, His-tagged

Cat. No. HES5-379H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human HES5 fused with His tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                     |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                 |
| Source           | E.coli                                                                                                                                                                                                                                                                                                                                                |
| Description      | This gene encodes a member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer. |
| Form             | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.                                                                                                                                                                                                                                                                                            |
| Molecular Mass   | 18 kDa                                                                                                                                                                                                                                                                                                                                                |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                           |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                      |

### GENE INFORMATION

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| Gene Name       | HES5 hairy and enhancer of split 5 (Drosophila) [ Homo sapiens ] |
| Official Symbol | HES5                                                             |

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|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| <b>Synonyms</b>       | HES5; hairy and enhancer of split 5 (Drosophila); bHLHb38; |
| <b>Gene ID</b>        | 256482                                                     |
| <b>mRNA Refseq</b>    | NM_001010926                                               |
| <b>Protein Refseq</b> | NP_001010926                                               |
| <b>MIM</b>            | 607348                                                     |
| <b>UniProt ID</b>     | Q5TA89                                                     |

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