

## Recombinant Human HES5 Protein, GST-tagged

**Cat. No.** HES5-4705H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human HES5 partial ORF (NP_001010926.1, 28 a.a. - 121 a.a.) recombinant protein with GST tag at N-terminal.                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 28-121 a.a.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 35.97 kDa                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | RRDRINSSIEQLKLLLEQEFARHQPNKLEKADILEMAVSYLKHSKAFVAAAGPKSLH<br>QDYSEGYSWCLQEAVQFLTLHAASDTQMKLLYHFQR                                                                                                                                                                                                                                                                          |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                          |

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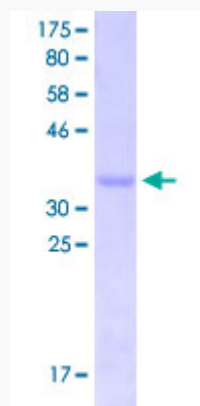
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.  |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                  |
|------------------------|------------------------------------------------------------------|
| <b>Gene Name</b>       | HES5 hairy and enhancer of split 5 (Drosophila) [ Homo sapiens ] |
| <b>Official Symbol</b> | HES5                                                             |
| <b>Synonyms</b>        | HES5; hairy and enhancer of split 5 (Drosophila); bHLHb38;       |
| <b>Gene ID</b>         | 256482                                                           |
| <b>MIM</b>             | 607348                                                           |
| <b>UniProt ID</b>      | Q5TA89                                                           |

### Quality Control Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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