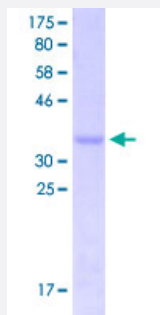


# HES5 (Human) Recombinant Protein (Q01)

Catalog # H00388585-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HES5 partial ORF (NP_001010926.1, 28 a.a. - 121 a.a.) recombinant protein with GST tag at N-terminal.
<b>Sequence</b>	RRDRINSSIEQLKLLLEQEFARHQPNSKLEKADILEMAVSYLKHSKAFVAAAGPKSLHQDYSEGYS WCLQEAVQFLTLHAASDTQMKLLYHFQR
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.97
<b>Interspecies Antigen Sequence</b>	Mouse (99); Rat (99)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HES5

Entrez GeneID [388585](#)

GeneBank Accession# [NM\\_001010926.3](#)

Protein Accession# [NP\\_001010926.1](#)

Gene Name HES5

Gene Alias bHLHb38

Gene Description hairy and enhancer of split 5 (Drosophila)

Omim ID [607348](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** OTTHUMP00000000867|hairy and enhancer of split 5

## Pathway

- [Notch signaling pathway](#)