

## Recombinant Human HESX1 Protein, GST-tagged

Cat. No. HESX1-4708H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human HESX1 full-length ORF ( NP_003856.1, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a conserved homeobox protein that is a transcriptional repressor in the developing forebrain and pituitary gland. Mutations in this gene are associated with septooptic dysplasia, HESX1-related growth hormone deficiency, and combined pituitary hormone deficiency. [provided by RefSeq]
<b>Molecular Mass</b>	47.8 kDa
<b>AA Sequence</b>	MSPSLQEGAQLGENKPSTCSFSIERILGLDQKKDCVPLMKPHRPWADTCSSSGKDG NLCLHVPNPPSGISFPSVVDHPMPEERASKYENYFSASERLSLKRELSWYRGRPR TAFTQNQIEVLENVFRVNCYPGIDIREDLAQKLNLEEDRIQIWFQNRRAKLRSHRES QFLMAKKNFNTNLL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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**Storage** Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** HESX1 HESX homeobox 1 [ Homo sapiens ]

**Official Symbol** HESX1

**Synonyms** HESX1; HESX homeobox 1; homeobox, ES cell expressed 1; homeobox expressed in ES cells 1; ANF; RPX; hAnf; homeobox protein ANF; Rathke pouch homeobox; CPHD5; MGC138294;

**Gene ID** 8820

**mRNA Refseq** NM\_003865

**Protein Refseq** NP\_003856

**MIM** 601802

**UniProt ID** Q9UBX0

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