

Recombinant Full Length Human HESX1 Protein, GST-tagged

Cat. No. HESX1-3522HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HESX1 full-length ORF (NP_003856.1, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	185 amino acids
Description	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
Molecular Mass	47.8 kDa
AA Sequence	MSPSLQEGAQLGENKPKSTCSFSIERILGLDQKKDCVPLMKPHRPWADTCSSSGKDG NLCLHVPNPPSGISFPSVVDHPMPEERASKYENYFSASERLSLKRELSWYRGRRRPR TAFTQNQIEVLNVFRVNCYPGIDIREDLAQKLNLEEDRIQIWFQNRRAKLKRSHRES QFLMAKKNFNTNLE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
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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