

Recombinant Human HESX1, GST-tagged

Cat. No. HESX1-13749H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HESX1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-185a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HESX1 HESX homeobox 1 [Homo sapiens]
Official Symbol	HESX1

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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
Chromosome Location	3p14.3
Function	DNA binding; chromatin binding; protein C-terminus binding; protein N-terminus binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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