

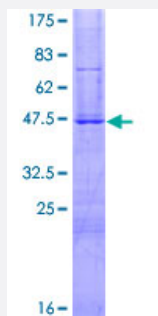
Full-Length

HESX1 (Human) Recombinant Protein (P01)

Catalog # H00008820-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human HESX1 full-length ORF (NP_003856.1, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSPSLQEGAQLGENKPSTCSFSIERILGLDQKKDCVPLMKPHRPWADTCSSSGKDGNLCLHVP NPPSGISFSPVVDHPMPEERASKYENYFSASERLSLKRELSWYRGRRPRTAFTQNQIEVLENVFR VNCYPGIDIREDLAQKLNLEEDRIQWVFQNRRAKLKRSHRESQFLMAKKNFNTNLL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.8
Interspecies Antigen Sequence	Mouse (80); Rat (82)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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 — HESX1

Entrez GeneID [8820](#)

GeneBank Accession# [NM_003865.1](#)

Protein Accession# [NP_003856.1](#)

Gene Name HESX1

Gene Alias ANF, MGC138294, RPX

Gene Description HESX homeobox 1

Omim ID [182230 601802](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 septo-optic dysplasia, HESX1-related growth hormone deficiency, and combined pituitary hormone deficiency. [provided by RefSeq]

Other Designations Rathke pouch homeobox|homeobox, ES cell expressed 1

Disease

- [Hypopituitarism](#)
- [Septo-Optic Dysplasia](#)