

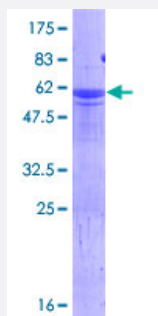
Full-Length

HES6 (Human) Recombinant Protein (P01)

Catalog # H00055502-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HES6 full-length ORF (NP_061115.2, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAPPAAPGRDRVGREDEDGWETRGDRKARKPLVEKKRRARINESLQELRLLLAGAEVQAKLEN AEVLELTVRRVQGVLRGRAREREQLQAEASERFAAGYQCMHEVHTFVSTCQAIDATVAAELLNH LLESMPREGSSFQDLLGDALAGPPRAPGRSGWPAGGAPGSPISPPGPGDDLCSDL EE APEA ELSQAPAE GPDLVPAALGSLTTAQIARSVWRPW
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.5
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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 — HES6

Entrez GeneID [55502](#)**GeneBank Accession#** [NM_018645.3](#)**Protein Accession#** [NP_061115.2](#)**Gene Name** HES6**Gene Alias** HES-6, bHLHb41, bHLHc23**Gene Description** hairy and enhancer of split 6 (Drosophila)**Omim ID** [610331](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. Members of this gene family regulate cell differentiation in numerous cell types. The protein encoded by this gene functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus. Alternatively spliced transcript variants encoding different isoforms have been described

Other Designations hairy and enhancer of split 6

Disease

- [Attention Deficit Disorder with Hyperactivity](#)

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mood Disorders](#)
- [NARP](#)