

Recombinant Full Length Human HES6 Protein, GST-tagged

Cat. No. HES6-3520HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HES6 full-length ORF (NP_061115.2, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	224 amino acids
Description	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
Molecular Mass	50.5 kDa
AA Sequence	MAPPAAPGRDRVGREDEDGWETRGRDRKARKPLVEKKRRRARINESLQELRLLLAGA EVQAKLENAEVLELTVRRVQGVLRGRAREREQLQAEASERFAAGYIQCMHEVHTFV STCQAIDATVAAELLNHLLESMPLREGSSFQDLLGDALAGPPRAPGRSGWPAGGAP GSPISPSPGPGDDLCSDLLEAPEAELSQAPAEGPDLVPAALGSLTTAQIARSVWRP W
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
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	HES6 hairy and enhancer of split 6 (Drosophila) [Homo sapiens]
Official Symbol	HES6
Synonyms	HES6; hairy and enhancer of split 6 (Drosophila); transcription cofactor HES-6; bHLHb41; C-HAIRY1; class B basic helix-loop-helix protein 41; HES-6; bHLHc23;
Gene ID	55502
mRNA Refseq	NM_001142853
Protein Refseq	NP_001136325
MIM	610331
UniProt ID	Q96HZ4