# Recombinant Full Length Human HES6 Protein, GST-tagged

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

## SPECIFICATION

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| **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** | MAPPAAPGRDRVGREDEDGWETRGDRKARKPLVEKKRRARINESLQELRLLLAGA EVQAKLENAEVLELTVRRVQGVLRGRAREREQLQAEASERFAAGYIQCMHEVHTFV STCQAIDATVAAELLNHLLESMPLREGSSFQDLLGDALAGPPRAPGRSGWPAGGAP GSPIPSPPGPGDDLCSDLEEAPEAELSQAPAEGPDLVPAALGSLTTAQIARSVWRP W |
| **Applications** | Enzyme-linked Immunoabsorbent Assay |

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| | Western Blot (Recombinant protein)<br>Antibody Production<br>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

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| **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 |

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