

Recombinant Human HES7 Protein, GST-tagged

Cat. No. HES7-4707H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HES7 full-length ORF (NP_115969.2, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the hairy and enhancer of split family of bHLH transcription factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis. Multiple transcript variants encoding different isoforms have been found for this gene
Molecular Mass	51.15 kDa
AA Sequence	MVTRDRAENRDGPKMLKPLVEKRRRDRINRSLEELRLLLLERTRDQNLRNPKLEKA EILEFAVGYLREERSRVEPPGVPRSPVQDAEALASCYLSGFRECLLRLAFAHDASPA ARAQLFSALHGYLRPKPPRPKPVDP RPAPRPSLDPAAPALGPALHQRPPVHQGHP SPRCAWSPLCSPRAGDSGAPAPLTGLLPPPPPPHRQDGAPKAPLPPPPAFWRPW P
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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	HES7 hairy and enhancer of split 7 (Drosophila) [Homo sapiens]
Official Symbol	HES7
Synonyms	HES7; hairy and enhancer of split 7 (Drosophila); transcription factor HES-7; bHLH factor Hes7; bHLHb37; hHes7; class B basic helix-loop-helix protein 37; SCDO4;
Gene ID	84667
mRNA Refseq	NM_001165967
Protein Refseq	NP_001159439
MIM	608059
UniProt ID	Q9BYE0

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