

Recombinant Human HES1 Protein, GST-tagged

Cat. No. HES1-4699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HES1 full-length ORF (AAH39152.1, 1 a.a. - 277 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This protein belongs to the basic helix-loop-helix family of transcription factors. It is a transcriptional repressor of genes that require a bHLH protein for their transcription. The protein has a particular type of basic domain that contains a helix interrupting protein that binds to the N-box rather than the canonical E-box. [provided by RefSeq]
Molecular Mass	55.7 kDa
AA Sequence	MPADIMEKNSSSPVAASVNTTPDKPKTASEHRKSSKPIMEKRRRARINESLSQLKTLI LDALKKDSSRHSKLEKADILEMTVKHLRNLQRAQMTAALSTDPSVLGKYRAGFSEC MNEVTRFLSTCEGVNTEVRTRLLGHLANCMTQINAMTYPGQPHPALQAPPPPPPGP GGPQHAPFAPPPPLVPIPGGAAPPPGGAPCKLGSQAGEAAKVFGGFQVVPAPDGQ FAFLIPNGAFAHSGPVIPVYTSNSGTSVGPNAVSPSSGPSLTADSMWRPWRN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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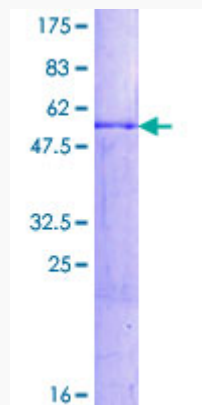
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HES1 hairy and enhancer of split 1, (Drosophila) [Homo sapiens]
Official Symbol	HES1
Synonyms	HES1; hairy and enhancer of split 1, (Drosophila); hairy homolog (Drosophila) , HRY; transcription factor HES-1; bHLHb39; FLJ20408; HES 1; Hes1; hairy homolog; hairy-like protein; class B basic helix-loop-helix protein 39; HHL; HRY; HES-1;
Gene ID	3280
mRNA Refseq	NM_005524
Protein Refseq	NP_005515
MIM	139605
UniProt ID	Q14469

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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