

Recombinant Human HES1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HES1-500H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HES1 MS Standard C13 and N15-labeled recombinant protein (NP_005515) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	29.4 kDa
AA Sequence	MPADIMEKNSSSPVAATPASVNTTPDKPKTASEHRKSSKPIMEKRRRRARINESLSQL KTLILDALKKDDSSRHSKLEKADILEMTVKHLRLNQRAQMTAALSTDPSVLGKYRAGFS ECMNEVTRFLSTCEGVNTEVTRLLGHLANCMTQINAMTYPGQPHPALQAPPPPPP GPGGPQHAPFAPPPPLVPIPGGAAPPPGGAPCKLGSQAGEAAKVFGGFQVVPAPD GQFAFLIPNGAFAHSGPVI PVYTSNSGTSVGPNAVSPSSGPSLTADSMWRPWRNTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name HES1 hes family bHLH transcription factor 1 [Homo sapiens (human)]

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

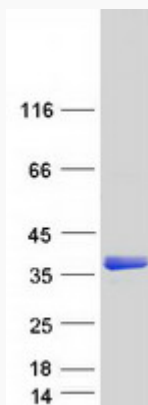
MIM 139605

UniProt ID Q14469

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SDS-PAGE

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