

# Recombinant Human HCLS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HCLS1-4139H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

HCLS1 MS Standard C13 and N15-labeled recombinant protein (NP\_005326) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. May also be involved in the regulation of gene expression.

### Molecular Mass

54 kDa

### AA Sequence

MWKSVVGHDSVSVVETQGDDWDTDPDFVNDISEKEQRWGAKTIEGSGRTEHINI  
 QLRNKVSEEHDVLRKKEMESGPKASHGYGGRFGVERDRMDKSAVGHEYVAEVEK  
 HSSQTDAAKGFGGKYGVERDRADKSAVGFDYKGEVEKHTSQKDYSRFGFGGRYGV  
 EKDKWDKAALGYDYKGETEKHESQRDYAKGFGGQYGIQKDRVDKSAVGFNEMEA  
 PTTAYKKTTPIEAASSGARGLKAKFESMAEEKRKREEEKAQQVARRQQRKAVTK  
 RSPEAPQPVIAMEEPAVPAPLPKKISSEAWPPVGTTPPSSESEPVRTSREHPVLLPIR  
 QTLPEDNEEPPALPPRTLLEGLQVEEPPVYEAPEPEPEPEPENDYEDVEEMDRH  
 EQEDEPEGDYEEVLEPEDSSFSSALAGSSGCPAGAGAGAVALGISAVALYDYQGEG  
 SDELSFDPDDVITDIEMVDEGWWRGRCHGHFGLFPANYVKLLETRTRPLEQKLISEE  
 DLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	HCLS1 hematopoietic cell-specific Lyn substrate 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HCLS1
<b>Synonyms</b>	HCLS1; hematopoietic cell-specific Lyn substrate 1; hematopoietic lineage cell-specific protein; cortactin like; CTTNL; HS1; p75; lckBP1;
<b>Gene ID</b>	3059
<b>mRNA Refseq</b>	NM_005335
<b>Protein Refseq</b>	NP_005326
<b>MIM</b>	601306
<b>UniProt ID</b>	P14317

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