

Recombinant Human HCLS1

Cat. No. HCLS1-27309TH Lot. No. (See product label)

SPECIFICATION

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|---------------------------|---|
| Product Overview | Recombinant full length Human HCLS1 with N-terminal proprietary tag. Predicted MW 79.53kDa. |
| Species | Human |
| Source | Wheat Germ |
| ProteinLength | 486 amino acids |
| Description | Hematopoietic lineage cell-specific protein is a protein that in humans is encoded by the HCLS1 gene. |
| Molecular Weight | 79.530kDa inclusive of tags |
| Tissue specificity | Expressed only in tissues and cells of hematopoietic origin. |
| Form | Liquid |
| Purity | Proprietary Purification |
| Storage buffer | pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl |
| Storage | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |

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

Sequences of amino acids

MWKSVVGHDSVSVVETQGDDWDTDPDFVNDISEKEQRWGA KTIEGSGRTEHINI
 QLRNKVSEEHDVLRKKEMESGPKAS HGYGGRFGVERDRMDKSAVGHEYVAEVEK
 HSSQTDAAKGF GGKYGVERDRADKSAVGFDYKGEVEKHTSQKDYSRGGGR YG
 VEKDKWKAALGYDYKGETEKHESQRDYAKGFGGQYGI QKDRVDKSAVGFNEME
 APTTAYKKTTPIEAASSGARGLKA KFESMAEEKRKREEEKAQQVARRQQRKAVT
 KRSPEAPQ PVIAMEEPAVPAPLPKKISSEAWPPVGTTPPSSSESEPVRTS REHPVPLL
 PIRQTLPEDNEEPPALPPRTLEGLQVEEPEVY EAEPEPEPEPEPEPENDYEDVEEM
 DRHEQEDEPEGDYEEV LEPEDSSFSSALAGSSGCPAGAGAGAVAVALGISAVYDY
 Q GEGSDELSFDPDDVITDIEMVDEGWWRGRCHGHFGLFPAN YVKLLE

Sequence

Contains 4 cortactin repeats.Contains 1 SH3 domain.

Similarities

GENE INFORMATION

Gene Name

[HCLS1 hematopoietic cell-specific Lyn substrate 1 \[Homo sapiens \]](#)

Official Symbol

[HCLS1](#)

Synonyms

HCLS1; hematopoietic cell-specific Lyn substrate 1; hematopoietic lineage cell-specific protein; cortactin like; CTTNL; HS1;

Gene ID

[3059](#)

mRNA Refseq

[NM_005335](#)

Protein Refseq

[NP_005326](#)

MIM

[601306](#)

Uniprot ID

[P14317](#)

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|----------------------------|--|
| Chromosome Location | 3q13 |
| Pathway | B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; IL-5 Signaling Pathway, organism-specific biosystem; |
| Function | DNA binding; SH3 domain binding; protein complex binding; sequence-specific DNA binding transcription factor activity; |

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