

Recombinant Human HCLS1

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

SPECIFICATION

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: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 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

Sequences of amino acids

MWKSVVGHDSVSVSVETQGDDWDTPDFVNDISEKEQRWGA KTIEGSGRTEHINI
 QLRNKVSEEHDVLRKKEMESGPKAS HGYGGRFGVERDRMDKSAVGHEYVAEVEK
 HSSQTDAAKGF GGKYGVERDRADKSAVGFDYKGEVEKHTSQKDYSRGFGGR YG
 VEKDKWDKAALGYDYKGETEKHESQRDYAKGFGGQYGI QKDRVDKSAVGFNEME
 APTTAYKKTTPIEAASSGARGLKA KFESMAEEKRKREEEKAQQVARRQKERKAVT
 KRSPEAPQ PVIAMEEPAVPAPLPKKISSEAWPPVGTTPPSESEPVRTS REHPVPLL
 PIRQTLPEDNEEPPALPPRTLEGLQVEEPPVY EAEPEPEPEPEPEPENDYEDVEEM
 DRHEQEDEPEGDYEEV LEPEDSSFSSALAGSSGCPAGAGAGAVAVALGISAVALYDY
 Q GEGSDELSFDPDDVITDIEMVDEGWWRGRCHGHFGLFPAN YVKLLE

Sequence Similarities

Contains 4 cortactin repeats.Contains 1 SH3 domain.

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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