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.

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Sequences of amino acids	MWKSVVGHDVSVSVETQGDDWDTDPDFVNDISEKEQRWGA KTIEGSGRTEHINIH QLRNKVSEEHDVLRKKEMESGPKAS HGYGGRFGVERDRMDKSAVGHEYVAEVEK HSSQTDAAKGF GGKYGVERDRADKSAVGFDYKGEVEKHTSQKDYSRGFGGR YG VEKDKWDKAALGYDYKGETEKHESQRDYAKGFGGQYGI QKDRVDKSAVGFNEME APTTAYKKTTPIEAASSGARGLKA KFESMAEEKRKREEEEKAQQVARRQQERKAVT KRSPEAPQ PVIAMEEPAVPAPLPKKISSEAWPPVGTPPSSESEPVRTS REHPVPLL PIRQTLPEDNEEPPALPPRTLEGLQVEEEPVY EAEPEPEPEPEPEPENDYEDVEEM DRHEQEDEPEGDYEEV LEPEDSSFSSALAGSSGCPAGAGAGAVALGISAVALYDY 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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