

Recombinant Full Length Human HCLS1 Protein, GST-tagged

Cat. No. HCLS1-3512HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HCLS1 full-length ORF (NP_005326.1, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	486 amino acids
Description	HCLS1 (Hematopoietic Cell-Specific Lyn Substrate 1) is a Protein Coding gene. Diseases associated with HCLS1 include Spherocytosis, Type 1 and Congenital Hemolytic Anemia. Among its related pathways are Development Slit-Robo signaling and Bacterial invasion of epithelial cells. GO annotations related to this gene include protein kinase binding and protein complex binding. An important paralog of this gene is CTTN.
Molecular Mass	80.4 kDa
AA Sequence	MWKSVVGHDSVSVSVETQGDDWDTPDFVNDISEKEQRWGAKTIEGSGRTEHINI QLRNKVSEEHDVLRKKEMESGPKASHGYGGRFGVERDRMDKSAVGHEYVAEVEK HSSQTDAAKGFGGKYGVERDRADKSAVGFDYKGEVEKHTSQKDYSRGFGGRYGV EKDKWDKAALGYDYKGETEKHESQRDYAKGFGGQYGIQKDRVDKSAVGFNEMEA PTTAYKKTTPIEAASSGARGLKAKFESMAEEKRKREEEKAQQVARRQQRKAVTK RSPEAPQPVIAMEEPAVPAPLPKKISSEAWPPVGTTPPSSESEPVRTSREHPVPLPIR QTLPEDNEEPPALPPRTLEGLQVEEPPVYEAPEPEPEPEPEPENDYEDVEEMDRH

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	EQEDEPEGDYEEVLEPEDSSFSSALAGSSGCPAGAGAGAVALGISAVALYDYQGEG SDELSFDPDDVITDIEMVDEGWWRGRCHGHFGLFPANYVKLLE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; p75; lckBP1;
Gene ID	3059
mRNA Refseq	NM_005335
Protein Refseq	NP_005326
MIM	601306

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UniProt ID

P14317

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