

## HCLS1 Protein, Human, Recombinant (His)

### General Information

Synonyms:	p75;Hematopoietic cell-specific LYN substrate 1;LckBP1;Hematopoietic lineage cell-specific protein
Protein Construction:	Met1-Glu486
Species:	Human
Expression Host:	HEK293 Cells
Accession:	AAH16758.1
Molecular Weight:	55-110 KDa (reducing condition)
AA Sequence:	Met1-Glu486

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Hematopoietic lineage cell-specific protein (HCLS1) is a protein that in humans is encoded by the HCLS1 gene. It is expressed only in tissues and cells of hematopoietic origin. It is substrate of the antigen receptor-coupled tyrosine kinase and plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. It may also be involved in the regulation of gene expression.

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