



# Recombinant Human HCLS1-associated protein X-1 (HAX1)

<b>Product Code</b>	CSB-EP010146HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O00165
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SLFDLFRGF FGFPGRSHR DPFFGGMTRD EDDDEEEEE GGSWGRGNPR FHSPQHPEE FGFGFSFSPG GGIRFHDNFG FDDLVRDFNS IFSDMGAWTL PSHPELPGP ESETPGERLR EGQTLRDSML KYPDSHQPRI FGGVLESDAR SESPQPAPDW GSQRPFHRFD DVWPMDPHPR TREDNDLDSQ VSQEGLGPVL QPQPKSYFKS ISVTKITKPD GIVEERRTVV DSEGRTETTV TRHEADSSPR GDPEsprppa LDDAFSILDL FLGRWFRSR
<b>Source</b>	E.coli
<b>Target Names</b>	HAX1
<b>Protein Names</b>	Recommended name: HCLS1-associated protein X-1 Alternative name(s): HS1-associating protein X-1 Short name= HAX-1 HS1-binding protein 1 Short name= HSP1BP-1
<b>Expression Region</b>	2-279
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene product is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.