



# Recombinant Human Immunoglobulin lambda-like polypeptide 1 (IGLL1)

<b>Product Code</b>	CSB-EP011471HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P15814
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	LLR PTAASQSRAL GPGAPGGSSR SSLRSRWGRF LLQRGSWTGP RCWPRGFQSK HNSVTHVFGS GTQLTVLSQP KATPSVTLFP PSSEELQANK ATLVCLMNDF YPGILTVTWK ADGTPITQGV EMTTPSKQSN NKYAASSYLS LTPEQWRSRR SYSCQVMHEG STVEKTVAPA ECS
<b>Source</b>	E.coli
<b>Target Names</b>	IGLL1
<b>Protein Names</b>	Recommended name: Immunoglobulin lambda-like polypeptide 1 Alternative name(s): CD179 antigen-like family member B Ig lambda-5 Immunoglobulin omega polypeptide Immunoglobulin-related protein 14.1 CD_antigen= CD179b
<b>Expression Region</b>	38-213
<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>	The preB cell receptor is found on the surface of proB and preB cells, where it is involved in transduction of signals for cellular proliferation, differentiation from the proB cell to the preB cell stage, allelic exclusion at the Ig heavy chain gene locus, and promotion of Ig light chain gene rearrangements. The preB cell receptor is composed of a membrane-bound Ig mu heavy chain in association with a heterodimeric surrogate light chain. This gene encodes one of the surrogate light chain subunits and is a member of the immunoglobulin gene superfamily. This gene does not undergo rearrangement. Mutations in this gene can result in B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made. 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.