



Recombinant Human Leukocyte-associated immunoglobulin-like receptor 2 (LAIR2)

Product Code	CSB-EP012722HU-B
Abbreviation	LAIR2
Storage	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.
Uniprot No.	Q6ISS4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QEGALPRPS ISAEPGTVIS PGSHVTFMCR GPVGVQTFRL EREDRAKYKD SYNVFRLGPS ESEARFHIDS VSEGNAGLYR CLYYKPPGWS EHSDFLELLV KESSGGPDSP DTEPGSSAGT VPGTEASGFD AP
Source	E.coli
Target Names	LAIR2
Protein Names	Recommended name: Leukocyte-associated immunoglobulin-like receptor 2 Short name= LAIR-2 Alternative name(s): CD_antigen= CD306
Expression Region	22-152
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a member of the immunoglobulin superfamily. It was identified by its similarity to LAIR1, an inhibitory receptor present on mononuclear leukocytes. This gene maps to a region of 19q13.4, termed the leukocyte receptor cluster, which contains 29 genes in the immunoglobulin superfamily, including LAIR1. The function of this protein is unknown, although it is thought to be secreted and may help modulate mucosal tolerance. Two transcript variants encoding different isoforms have been found for this gene.
Reconstitution	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.



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