



Recombinant Human Extracellular glycoprotein lacritin (LACRT)

Product Code	CSB-EP887939HU-B
Abbreviation	LACRT
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.	Q9GZZ8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	E DASSDSTGAD PAQEAGTSKP NEEISGPAEP ASPPETTTTA QETSAAAVQG TAKVTSSRQE LNPLKSIVEK SILLTEQALA KAGKGMHGGV PGGKQFIENG SEFAQKLLKK FSLLKPWA
Source	E.coli
Target Names	LACRT
Protein Names	Recommended name: Extracellular glycoprotein lacritin
Expression Region	20-138
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	Extracellular domain
Target Details	This protein is highly expressed in the lacrimal glands and localized primarily to secretory granules and secretory fluid. It augments lacrimal acinar cell secretion, promotes ductal cell proliferation, and stimulates signaling through tyrosine phosphorylation and release of calcium.
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. 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.