

Recombinant Human LACRT

Cat. No. LACRT-7824H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Lacritin/LACRT is produced with our E. coli expression system. The target protein is expressed with sequence (Glu20Ala138) of Human Lacritin.
Species	Human
Source	E.coli
Description	Human Lacritin is highly expressed in the lacrimal gland, localizes primarily to secretory granules and secretory fluid. Lacritin modulates lacrimal acinar cell secretion, promotes ductal cell proliferation, and stimulates signaling through tyrosine phosphorylation and release of calcium.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7 days.Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.

GENE INFORMATION

Gene Name	LACRT lacritin [Homo sapiens]
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Official Symbol	LACRT
Synonyms	LACRT; lacritin; extracellular glycoprotein lacritin;
Gene ID	90070
mRNA Refseq	NM_033277.1
Protein Refseq	NP_150593.1
MIM	607360
UniProt ID	Q9GZZ8
Chromosome Location	12q13
Function	collagen binding; fibronectin binding; glycoprotein binding; growth factor activity; laminin-1 binding; protein N-terminus binding

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