

Product datasheet for **TP309355M**

LACRT (NM_033277) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human lacritin (LACRT), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC209355 protein sequence
Red=Cloning site **Green**=Tags(s)

MKFTLLFLAAVAGALVYAEDASSDSTGADPAQEAGTSKPNEEISGPAEPASPPETTTTAQETSAAAVQG
TAKVTSSRQELNPLKSIVEKSILLTEQALAKAGKGMHGGVPGGKQFIENGSEFAQLLKKFSLKPPWA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 12.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_150593](#)

Locus ID: 90070

UniProt ID: [Q9GZZ8](#)

RefSeq Size: 508

Cytogenetics: 12q13.2



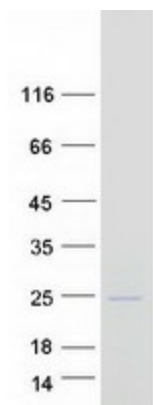
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RefSeq ORF: 414

Summary: The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified LACRT protein (Cat# [TP309355]). The protein was produced from HEK293T cells transfected with LACRT cDNA clone (Cat# [RC209355]) using MegaTran 2.0 (Cat# [TT210002]).