

Recombinant Human LCN1

Cat. No. LCN1-29220TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LCN1 (amino acids 1-176) with N terminal proprietary tag, 45.43 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	176 amino acids
Description	The protein encoded by this gene belongs to the lipocalin family. Lipocalins are a group of extracellular proteins that are able to bind lipophiles by enclosure within their structures to minimize solvent contact. This protein may bind hydrophobic ligands and inhibit cysteine proteinases. It may also play a role in taste reception.
Molecular Weight	45.430kDa inclusive of tags
Tissue specificity	Mainly expressed in lachrymal and salivary glands. Also expressed in the prostate.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MKPLLLAVSLGLIAALQAHLLASDEEIQDVSGTWYLKAM TVDREFPEMNLESVTPM
TLTTLEGGNLEAKVTMLISGRCQ EVKAVLEKTDEPGKYTADGGKHVAYIIRSHVKDH
YIFYCE GELHGKPVVRGVKLVGRDPKNNLEALEDFEKAAGARGLSTE SILIPRQSETC
SPGSD

Sequence Similarities

Belongs to the calycin superfamily. Lipocalin family.

GENE INFORMATION

Gene Name

[LCN1 lipocalin 1 \[Homo sapiens \]](#)

Official Symbol

[LCN1](#)

Synonyms

LCN1; lipocalin 1; lipocalin 1 (protein migrating faster than albumin, tear prealbumin) ,
lipocalin 1 (tear prealbumin); lipocalin-1; lipocalin 1 like 2; MGC71975; PMFA; tear
lipocalin; tear prealbumin; TP; VEGP; Von Ebner gland protein;

Gene ID

[3933](#)

mRNA Refseq

[NM_002297](#)

Protein Refseq

[NP_002288](#)

MIM

[151675](#)

Uniprot ID

[P31025](#)

Chromosome Location

9q34

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Function

binding; cysteine-type endopeptidase inhibitor activity; transporter activity;

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