

Recombinant Human LCN1

Cat. No. LCN1-29847TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: SDEEIQDVSG TWYLKAMTVD REFPEMNLES VTPMTLTITLE GGNLEAKVTM LISGRCQEVK AVLEKTDEPG KYTADGGKHHV AYIIRSHVKD HYIFYCE of Human LCN1 (amino acids 24-120) with N terminal proprietary tag, 36.3 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	97 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	36.300kDa 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: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	SDEEIQDVSGTWYLKAMTVDREFPEMNLESVTPMTLTTLEGGNLEAKVTMLISGRC QEVKAVLEKTDEPGKYTADGGKHHVAYIIRSHVKDHYIFYCE
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Function

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

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA