

Product datasheet for RC215417

LIPN (NM_001102469) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIPN (NM_001102469) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LIPN
Synonyms:	ARCI8; bA186O14.3; LI4; LIPL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215417 representing NM_001102469 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTGGCTGCTTTTAAACAACAACCTGTTTGATCTGTGGAACTTTAAATGCTGGTGGATTCTTGATT
TGGAAAATGAAGTGAATCCTGAGGTGTGGATGAATACTAGTGAAATCATCATCTACAATGGCTACCCAG
TGAAGAGTATGAAGTCAACTGAAGATGGGTATATACTCCTTGCAACAGAATTCCTTATGGGCGAACA
CATGCTAGGAGCACAGGTCCCGGCCAGTTGTGTATATGCAGCATGCCCTGTTTGCAGACAATGCCTACT
GGCTTGAGAATTATGCTAATGGAAGCCTTGGATTCCTTCTAGCAGATGCAGGTTATGATGTATGGATGGG
AAACAGTCGGGGAAACACTTGGTCAAGAAGACACAAAACACTCTCAGAGACAGATGAGAAATTCGGGCC
TTTAGTTTTGATGAAATGGCCAAATATGATCTCCAGGAGTAATAGACTTCATTGTAATAAAAAGTGGTC
AGGAGAAATGATTTTCATTGGACATTCACCTGGCACTACAATAGGGTTTGTAGCCTTTCCACCATGCC
TGAAGTGGCACAAGAATCAAAATGAATTTTGCCTTGGTCTACGATCTCATTCAAATATCCCACGGGC
ATTTTACCAGTTTTTCTACTTCAAATCCATAATCAAGGCTGTTTTGGTACCAAAGTTTTCTTTT
TAGAAGATAAGAAAACGAAGATAGCTTCTACCAAAATCTGCAACAATAAGATACTCTGGTTGATATGTAG
CGAATTTATGTCCTTATGGGCTGGATCCAACAAGAAAAATGAATCAGAGTCGAATGGATGTGTATATG
TCACATGCTCCCACTGGTTCATCAGTACACAACATTCTGCATATAAAAACAGCTTTACCACCTGATGAAT
TCAGAGCTTATGACTGGGAAAATGACGCTGATAATATGAAACATTACAATCAGAGTCATCCCCCTATATA
TGACCTGACTGCCATGAAAGTGCCTACTGCTATTTGGGCTGGTGGACATGATGTCCTCGTAACACCCAG
GATGTGGCCAGGATACTCCCTCAAATCAAGAGTCTTCACTTTAAGCTATTGCCAGATTGGAACCACT
TTGATTTTGTCTGGGCCTCGATGCCCTCAACGGATGTACAGTGAATCATAGCTTTAATGAAGGCATA
TTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001102469.2](#)

RefSeq Size: 1197 bp

RefSeq ORF: 1197 bp

Locus ID: 643418

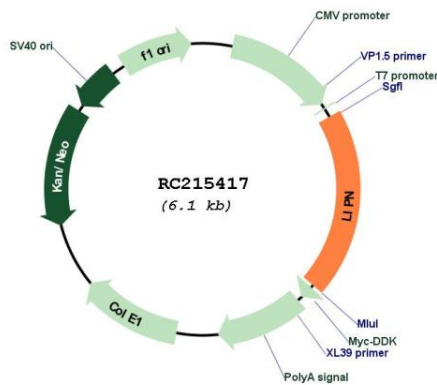
UniProt ID: [Q5VXI9](#)

Cytogenetics: 10q23.31

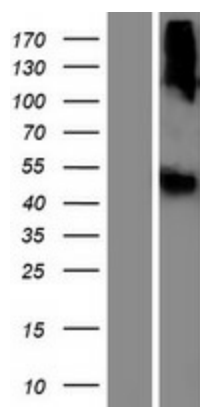
MW: 45.4 kDa

Gene Summary: The gene encodes a lipase that is highly expressed in granular keratinocytes in the epidermis, and plays a role in the differentiation of keratinocytes. Mutations in this gene are associated with lamellar ichthyosis type 4. [provided by RefSeq, Dec 2011]

Product images:



Circular map for RC215417



Western blot validation of overexpression lysate (Cat# [LY420154]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC215417 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).