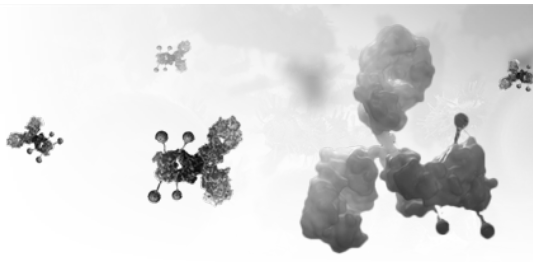

AIPL1 blocking peptide (CDBP5038)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Leber congenital amaurosis (LCA) is the most severe inherited retinopathy with the earliest age of onset and accounts for at least 5% of all inherited retinal diseases. Affected individuals are diagnosed at birth or in the first few months of life with nystagmus, severely impaired vision or blindness and an abnormal or flat electroretinogram. The photoreceptor/pineal-expressed gene, AIPL1, encoding aryl-hydrocarbon interacting protein-like 1, is located within the LCA4 candidate region. The encoded protein contains three tetratricopeptide motifs, consistent with chaperone or nuclear transport activity. Mutations in this gene may cause approximately 20% of recessive LCA. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	AIPL1 aryl hydrocarbon receptor interacting protein-like 1 [Homo sapiens (human)]
Official Symbol	AIPL1
Synonyms	AIPL1; aryl hydrocarbon receptor interacting protein-like 1; LCA4; AIPL2; aryl-hydrocarbon-

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	interacting protein-like 1
Entrez Gene ID	23746
mRNA Refseq	NM_001033054
Protein Refseq	NP_001028226
UniProt ID	Q9NZN9
Function	farnesylated protein binding; protein binding; unfolded protein binding

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