

Full-Length

LCA5 (Human) Recombinant Protein (P01)

Catalog # H00167691-P01

Size 50 ug

Specification

Product Description	Human LCA5 full-length ORF (NP_859065.1, 1 a.a. - 697 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGERAGSPGTDQEREAGKHHYSYSSDFETPQSSGRSSLVSSSPASVRRKNPKRQTSDGQVHH QAPRKPSPKGLPNRKGV RVGFRSQSLNREPLRKD TDLVTKRILSARLLKINELQNEVSELQVKLA ELLKENKSLKRLQYRQEKALNKFEDAENEISQLIFRHNNEITALKERLRKSQEKERATEKRVKDTE SELFRTKFSLQKLKEISEARHLPERDDLAKKLVS AELKLDDTERRIKELSKNLELSTNSFQRQLLA ERKRAYEAHDENKVLQKEVQRLYHKLKEKERELDIKNIYSNRLPKSSPNKEKELALRKNAACQSD FADLCTKGVQTMEDFKPEEYPLTPETIMCYENKWE EPGHLTDLQSQKQDRHGEAGILNPIMERE EKFVTDEELHVVKQEVEKLEDEWEREELDKKQKEKASLLEREEKPEWETGRYQLGMYPIQNMD KLQGEERERLKREMLLAKLNEIDRELQDSRN LKYPVLP LLPDFESKLHSRERSPKTYRFSESSER LFNGHHLQDISFSTPKGEGQNSGNVRSPASPNEFAFGSYVPSFAKT SERSNPFSQKSSFLDFQR NSMEKLSKDGVDLITRKEKKANLMEQLFGASGSSTISSKSSGPN SVASSKGDIDPLNFLPGNKGS RDQEHDEDEGFFLSEGRSFNPNRHRLKHADDKPAVKAADSVEDEIEEVALR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	106.9
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — LCA5

Entrez GeneID [167691](#)

GeneBank Accession# [NM_181714.1](#)

Protein Accession# [NP_859065.1](#)

Gene Name LCA5

Gene Alias C6orf152

Gene Description Leber congenital amaurosis 5

Omim ID [604537 611408](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is thought to be involved in centrosomal or ciliary functions. Mutations in this gene cause Leber congenital amaurosis type V. Alternative splicing results in two transcript variants. [provided by RefSeq]

Other Designations OTTHUMP00000016774|OTTHUMP00000165989|lebercilin

Disease

- [Blindness](#)
- [Retinal Degeneration](#)