

Recombinant Full Length Human LRIT3 Protein, GST-tagged

Cat. No. LRIT3-6008HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LRIT3 full-length ORF (AAI04038.1, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	552 amino acids
Description	This gene encodes a protein that has a fibronectin type III domain and a C-terminal transmembrane domain, as well as a leucine-rich repeat domain and immunoglobulin-like domain near the N-terminus. The encoded protein may regulate fibroblast growth factor receptors and affect the modification of these receptors, which are glycosylated differently in the Golgi and endoplasmic reticulum. Mutations in this gene are associated with congenital stationary night blindness, type 1F. [provided by RefSeq, May 2013]
Molecular Mass	86.9 kDa
AA Sequence	MPLLRTLHLNNKITSVPNEALRYLKNLAYLDLSSNRLTTLTPDFLENWTHLVSTPSG VLDLSPSRILGLQDNPWFCDCHISKMIELSKVVDPAIVLLDPLMTCSEPERLTGILFQ RAELEHCLKPSVMTSATKIMSALGSNVLLRCDATGFPTPQITWTRSDSSPVNYTVIQ ESPEEGVRWSIMSLTGISSKDAGDYKCKAKNLAGMSEAVTVTVLGITTTPIPPDTSE RTGDHPEWDVQPGSGRSTSVSSASSYLWSSSFSPSTSSFSASTLSPPSTASFSLSPF SSSTVSSTTTLSTSIASASTTMANKRSFQLHQGGKRNKLVAKNGSKLPPASTSKKEEL

 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

ALLDQTMLTETNATIENLRVVSETKESVTLMWNMINTTHNSAVTVLYSKYGGKDLLL
 NADSSKNQVTIDGLEPGGQYMACVCPKGVPPQKDQCITFSTERVEGDDSQWSLLL
 VVTSTACVVILPLICFLLYKVCKLQCKSEPFWEDDLAKETYIQFETLFPRSQSVGELW
 TRSHRDDSEKLLLCSSSVESQVTFKSEGSRPEYYC

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [LRIT3 leucine-rich repeat, immunoglobulin-like and transmembrane domains 3 \[Homo sapiens \]](#)

Official Symbol [LRIT3](#)

Synonyms FIGLER4; LRIT3; leucine-rich repeat, immunoglobulin-like and transmembrane domains 3

Gene ID [345193](#)

mRNA Refseq [NM_198506](#)

Protein Refseq [NP_940908](#)

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MIM	615004
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UniProt ID	Q3SXY7
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