

Recombinant Human LRIT3 Protein, GST-tagged

Cat. No. LRIT3-4701H **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	Wheat Germ
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	MPLLRTLHLHNNKITSVPNEALRYLKNLAYLDLSSNRLTTLTPDFLENWTHLVSTPSG VLDLSPSRILGLQDNPWFCDCCHISKMIELSKVVDPAIVLLDPLMTCSEPERLTGILFQ RAELEHCLKPSVMTSATKIMSALGSNVLLRCDATGFPTPQITWTRSDSSPVNYTVIQ ESPEEGVRWSIMSLTGISSKDAGDYKCKAKNLAGMSEAVVTVTVLGITTTPIPPDTSE RTGDHPEWDVQPGSGRSTSVSSASSYLWSSSFSPSTSSFSASTLSPPSTASFSLSPF SSSTVSSTTTLSTISASTTMANKRSFQLHQGGKRNLIKVAKNGSKLPPASTSKKEEL ALLDQTMLTETNATIENTLRVVSETKESVTLMWNNMINTTHNSAVTVLYSKYGGKDLLLL

 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

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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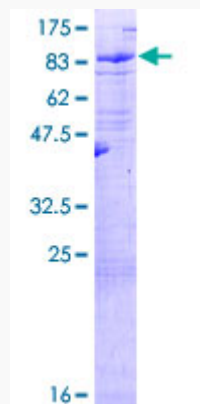
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UniProt ID

Q3SXY7

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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