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	MPLLRTLDLHNNKITSVPNEALRYLKNLAYLDLSSNRLTTLTPDFLENWTHLVSTPSG VLDLSPSRIILGLQDNPWFCDCHISKMIELSKVVDPAIVLLDPLMTCSEPERLTGILFQ RAELEHCLKPSVMTSATKIMSALGSNVLLRCDATGFPTPQITWTRSDSSPVNYTVIQ ESPEEGVRWSIMSLTGISSKDAGDYKCKAKNLAGMSEAVVTVTVLGITTTPIPPDTSE RTGDHPEWDVQPGSGRSTSVSSASSYLWSSSFSPTSSFSASTLSPPSTASFSLSPF SSSTVSSTTTLSTSISASTTMANKRSFQLHQGGKRNLKVAKNGSKLPPASTSKKEEL

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	ALLDQTMLTETNATIENLRVVSETKESVTLMWNMINTTHNSAVTVLYSKYGGKDLLLL NADSSKNQVTIDGLEPGGQYMACVCPKGVPPQKDQCITFSTERVEGDDSQWSLLL VVTSTACVVILPLICFLLYKVCKLQCKSEPFWEDDLAKETYIQFETLFPRSQSVGELW TRSHRDDSEKLLLCSRSSVESQVTFKSEGSRPEYYC
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
UniProt ID	Q3SXY7

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