

## Recombinant Human LRCH1 Protein, GST-tagged

Cat. No. LRCH1-4709H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human LRCH1 full-length ORF ( ADR83344.1, 1 a.a. - 763 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a protein with a leucine-rich repeat and a calponin homology domain. Polymorphism in this gene may be associated with susceptibility to knee osteoarthritis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2010]
<b>Molecular Mass</b>	84 kDa
<b>AA Sequence</b>	<p>MATPGSEPQPFVPAHSVATLHPLHHPHHHHHHHHQHGGTGAPGGAGGGGGGGSG            GFNLPLNRGLERALEEAANSGLNLSARKLKEFPRTAAPGHDLSDTVQADLSKNRL            VEVPMELCHFVSLEILNLYHNCIRVIPEAIVNLQMLTYLNLSRNQLSALPACLCGLPLK            VLIASNNKLGSLPEEIGQLKQLMELDVSCNEITALPQQIGQLKSLRELVRRNYLKVLP            QELVDLPLVKFDFSCNKVLVIPICFREMQLQVLLLENNPLQSPPAQICTKGKVHIFKY            LSIQACQIKTADSLYLHTMERPHLHQHVEDGKKDSDSGVGSDNGDKRLSATEPSDE            DTVSLNVPMSNIMEEQIIKEDSCHRLSPVKGEFHQEFQPEPSLLGDSTNSGEERDQ            FTDRADGLHSEFMNYKARAEDCEELLRIEEDVHWQTEGISSSKDQDMDIAMIEQLR            EAVDLLQDPNGLSTDITERSVLNLYPMGSAEALQLDSALNGQIQLETSPVCEVQSD            LTLQSNQSQYSPNEIRENSPAVSPTTNSTAPFGLKPRSDPALILPPISFNTLTQAQTW</p>

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA



DSSSYSVPSEGDSDNVFLRPQRNLESIDPQFTIRRKMEQMREEKELVEQLRESIEMR  
LKVSLHEDLGAALMDGVVLCHLVNHIRPRSVASIHVPSPAVPKLSMAKCRNVENFL  
EACRKLGVPEADLCSPCDILQLDFRHIRKTVDTLLALGEKAPPPTSALRSRDLIGFCL  
VHILFIVLVYITYHWNALSA

**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** LRCH1 leucine rich repeats and calponin homology domain containing 1 [ Homo sapiens (human) ]

**Official Symbol** LRCH1

**Synonyms** LRCH1; leucine rich repeats and calponin homology domain containing 1; NP81; CHDC1; leucine-rich repeat and calponin homology domain-containing protein 1; leucine-rich repeats and calponin homology (CH) domain containing 1; neuronal protein 81

**Gene ID** 23143

**mRNA Refseq** NM\_001164211

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**Protein Refseq** NP\_001157683

**MIM** 610368

**UniProt ID** Q9Y2L9

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