

Recombinant Full Length Human LRCH1 Protein, GST-tagged

Cat. No. LRCH1-6003HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LRCH1 full-length ORF (ADR83344.1, 1 a.a. - 763 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	763 amino acids
Description	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]
Molecular Mass	84 kDa
AA Sequence	<p>MATPGSEPQPFVPAHSVATLHPLHHPHHHHHHHHQHGGTGAPGGAGGGGGGSG GFNLPLNRGLERALEEAANSGLNLSARKLKEFPRTAAPGHDLSDTVQADLSKNRL VEVPMELCHFVSLEILNLYHNCIRVIPEAIVNLQMLTYLNLSRNQLSALPACLCGLPLK VLIASNNKLGSLPEEIGQLKQLMELDVSCNEITALPQQIGQLKSLRELNVRNRYLKVLP QELVDLPLVKFDFSCNKVLVIPICFREMQLQVLLLENNPLQSPPAQICTKGKVHIFKY LSIQACQIKTADSLYLHTMERPHLHQHVEDGKKDSDSGVGSNDGKRLSATEPSDE DTVSLNVPMSNIMEEEQIIKEDSCHRLSPVKGEFHQEFQPEPSLLGDSTNSGEERDQ FTDRADGLHSEFMNYKARAEDCEELLRIEEDVHWQTEGISSSKDQDMDIAMIEQLR EAVDLLQDPNGLSTDITERSVLNLYPMGSAEALQLQDSALNGQIQLETSPVCEVQSD</p>

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LTLQSNQSQYSPNEIRENSPAVSPPTNSTAPFGLKPRSDPALILPPISFNTLTQAQTW
 DSSYSVPSSEGDSDNVFLRPQRNLESIDPQFTIRRKMEQMREEKELVEQLRESIEMR
 LKVS LHEDLGAALMDGVVLCHLVNHIRPRSVASIHVPSPAVPKLSMAKCRNRNENFL
 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

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mRNA Refseq	NM_001164211
Protein Refseq	NP_001157683
MIM	610368
UniProt ID	Q9Y2L9

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