

Recombinant Human LRCH4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LRCH4-1951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LRCH4 MS Standard C13 and N15-labeled recombinant protein (NP_002310) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that contains leucine-rich repeats (LRR) at its amino terminus and that is known to be involved in ligand binding. The carboxyl terminus may act as a membrane anchor. Identified structural elements suggest that the encoded protein resembles a receptor.
Molecular Mass	73.5 kDa
AA Sequence	MAAVAAPLAAGGEEAAATTSVPGSPGLPGRRSAERALEEAVATGTLNLSNRRLKH FPRGAARSYDLSGITQADLSRNRFPVEPEAACQLVSLEGLSLYHNCLRCLNPALGNL TALTYLNLSRNQLSLLPPYICQLPLRVLIVSNNKLGALPPDIGTLGSLRQLDVSSNELQ SLPSELGCLSSLRDLNVRNRQLSTLPEELGDLPLVRLDFSCNRVSRIPVSFCRLRHL QVILLDSNPLQSPPAQVCLKGKLHIFKYLSTEAGQRGSALGDLAPSRPPSFSPCPAE DLFPGHRYDGGLDSGFHSVDSGSKRWSGNESTDEFSELSFRISELAREPRGPRER KEDGSADGDPVQIDFIDSHVPGEDEERGTVEEQRPPELSPGAGDRERAPSSRREEP AGEERRRPDTLQLWQERERRRQQQSGAWGAPRKDSLLKPGLRAVVGGAAAVSTQ AMHNGSPKSSASQAGAAAGQGAPAPAPASQEPLPIAGPATAPAPRPLGSIQRPNSF

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LFRSSSQSGSGPSSPDSVLRPRRYPQVPDEKDLMTQLRQVLESRLQRPLPEDLAEA
 LASGVILCQLANQLRPRSVPFHVPSPAVPKLSALKARKNVESFLEACRKMVGPEAD
 LCSPSDLLQGTARGLRTALEAVKRVGGKALPPLWPPSGLGGFVVFYVVLMLLLYVTY
 TRLLGSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name LRCH4 leucine rich repeats and calponin homology domain containing 4 [Homo sapiens (human)]

Official Symbol LRCH4

Synonyms LRCH4; leucine-rich repeats and calponin homology (CH) domain containing 4; LRN, LRRN1; leucine-rich repeat and calponin homology domain-containing protein 4; leucine-rich neuronal protein; leucine rich repeat neuronal 4; leucine-rich repeat neuronal protein 4; LRN; LRRN1; LRRN4; PP14183; FLJ40101; FLJ46315;

Gene ID 4034

mRNA Refseq NM_002319

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Protein Refseq	NP_002310
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UniProt ID	O75427
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