

Recombinant Full Length Human LRRK1 Protein, GST-tagged

Cat. No. LRRK1-6078HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human LRRK1 full-length ORF (AAH68080.1, 1 a.a. - 261 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	261 amino acids
Description	This gene encodes a multi-domain protein that is a leucine-rich repeat kinase and a GDP/GTP binding protein. The encoded protein is thought to play a role in the regulation of bone mass. Mice lacking a similar gene showed severe osteopetrosis, increased bone mineralization and decreased bone resorption. [provided by RefSeq, Jan 2017]
Molecular Mass	55 kDa
AA Sequence	MSQRPPSMYWCVGPEESAVCPERAMETLNGAGDTGGKPSTRGGDPAARSRTE GIRAAAYRRGDRGGARDLLEEACDQCASQLEKQGQLLSIPAAAYGDLEMVRYLLSKRLV ELPTEPTDDNPAVVAAYFGHTAVVQELLES LPGPCSPQRLLNWMLALACQRGHLGV VKLLVLTHGADPESYAVRKNEFPVIVRLPLYAAIKSGNEDIAIFLLRHGAYFCSYILLDS PDPSKHLLRKYFIEASPLPSSYPGKTVSSHCLWSVF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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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	LRRK1 leucine-rich repeat kinase 1 [Homo sapiens]
Official Symbol	LRRK1
Synonyms	LRRK1; leucine-rich repeat kinase 1; leucine-rich repeat serine/threonine-protein kinase 1; FLJ23119; KIAA1790; RIPK6; Roco1; FLJ27465;
Gene ID	79705
mRNA Refseq	NM_024652
Protein Refseq	NP_078928
MIM	610986
UniProt ID	Q38SD2

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