

Recombinant Human LRRK2 Protein, GST-tagged

Cat. No. LRRK2-4634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LRRK2 partial ORF (AAV63975, 2161 a.a. - 2260 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the leucine-rich repeat kinase family and encodes a protein with an ankryin repeat region, a leucine-rich repeat (LRR) domain, a kinase domain, a DFG-like motif, a RAS domain, a GTPase domain, a MLK-like domain, and a WD40 domain. The protein is present largely in the cytoplasm but also associates with the mitochondrial outer membrane. Mutations in this gene have been associated with Parkinson disease-8. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	NSRNASIWLGC GHTDRGQLSFLDLNTEGYTSEEVADSRILCLALVHLPVEKESWIVS GTQSGTLLVINTEDGKKRHTLEKMTDSVTCLYCNSFSKQSKQK
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.

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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 LRRK2 leucine-rich repeat kinase 2 [Homo sapiens]

Official Symbol LRRK2

Synonyms LRRK2; leucine-rich repeat kinase 2; PARK8, Parkinson disease (autosomal dominant) 8; leucine-rich repeat serine/threonine-protein kinase 2; DKFZp434H2111; FLJ45829; RIPK7; ROCO2; augmented in rheumatoid arthritis 17; PARK8; AURA17; DARDARIN;

Gene ID 120892

mRNA Refseq NM_198578

Protein Refseq NP_940980

MIM 609007

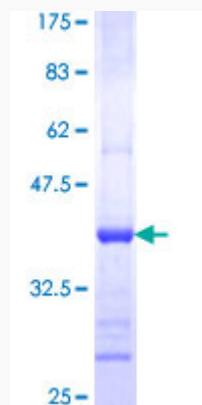
UniProt ID Q5S007

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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