

Recombinant Human LRRK2 protein, His-tagged

Cat. No. LRRK2-6453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRRK2 protein(Q5S007)(904-1450aa), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	904-1450a.a.
Tag	His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	69.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

VKKKSNSISVGEFYRDAVLQRCSPNLQRHSNSLGPIFDHEDLLKRKRKILSSDDSLRS
SKLQSHMRHSDSISSLASEREYITSLDLSANELRDIDALSQKCCISVHLEHLEKLELHQ
NALTSFPQQLCETLKS LTHLDLHSNKFTSFPSYLLKMSCIANLDVSRNDIGPSVVLDP
TVKCPTLKQFNLSYNQLSFVPENLTDVVEKLEQLILEGNKISGICSPRLRLKELKILNLSK
NHISSLSENFLEACPKVESFSARMNFLAAMPFLPPSMTILKLSQNKFSCEIPEAILNLPH
LRSLDMSSNDIQYLP GPAHWKSLNLRLLFSHNQISILDSEKAYLWSRVEKLHLSHN
KLKEIPPEIGCLENLTSLDVSYNLELRSFPNEMGKLSKIWDLPLDELHLNFDKFKHIGCK
AKDIIRFLQQLKKA VPYNRMKLMIVGNTGSGKTTLLQQLMKTCKSDLGMQSATVGI
DVKDWPIQIRDKRKRDLVLNVWDFAGREEFYSTHPHMTQRALYLAVYDLSKGQAE
VDAMKPWLFNIKARASSPVILV

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

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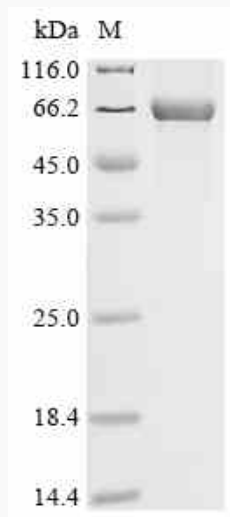
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UniProt ID

Q5S007

SDS-PAGE



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