

HUMAN LRIG1 PROTEIN, HIS TAG

Cat.#: 11523

Product Name: Human LRIG1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Leucine-rich repeats and immunoglobulin-like domains protein 1;IG-1

Target: LRIG1

UNIPROT ID: Q96JA1

Description: Recombinant human LRIG1 protein with C-terminal 6xHis tag

Background: Acts as a feedback negative regulator of signaling by receptor tyrosine kinases, through a mechanism that involves enhancement of receptor ubiquitination and accelerated intracellular degradation.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 84 kDa after removal of the signal peptide. The apparent molecular mass of LRIG1-His is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: LRIG1(Ala35-Thr792) 6xHis tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

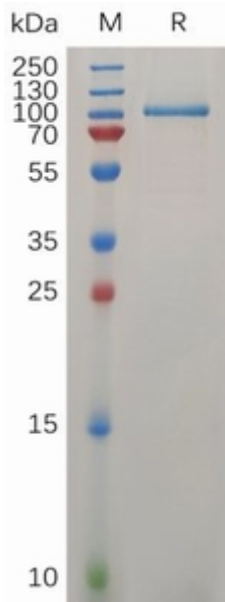


Figure 1. Human LRIG1 Protein, His Tag on SDS-PAGE under reducing condition.