

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) 6×His 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.

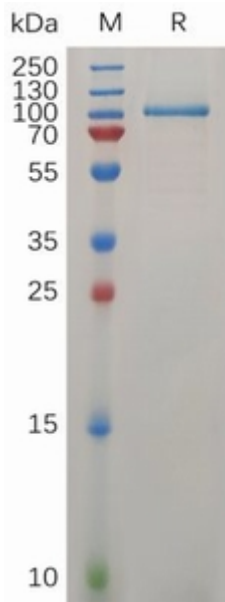


Figure 1. Human LRIG1 Protein, His Tag on SDS-PAGE under reducing condition.