

HUMAN SIRPG PROTEIN, HIS TAG

Cat.#: 11881

Product Name: Human SIRPG Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: bA77C3.1;CD172g;SIRP-B2;SIRPB2;SIRPgamma

Target: SIRPG

UNIPROT ID: Q9PIW8

Description: Recombinant Human SIRPG Protein with C-terminal 6xHis tag

Background: The protein encoded by this gene is a member of the signal-regulatory protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 37.9 kDa after removal of the signal peptide. The apparent molecular mass of SIRPG-His is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: SIRPG(Glu29-Ser364) 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.

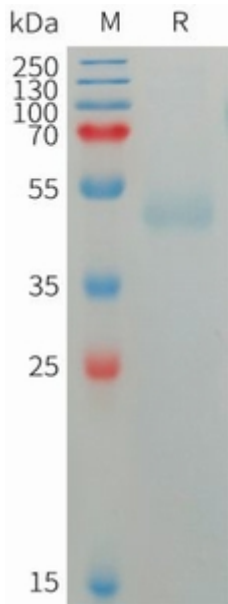


Figure 1. Human SIRPG Protein, His Tag on SDS-PAGE under reducing condition.