PRODUCT INFORMATION

Target	SIRPG
Synonyms	bA77C3.1;CD172g;SIRP-B2;SIRPB2;SIRPgamma
Description	Recombinant Human SIRPG Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9P1W8
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	SIRPG(Glu29-Ser364) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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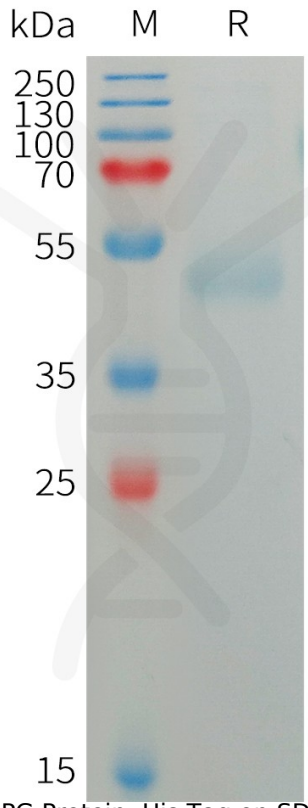


Figure 1. Human SIRPG Protein, His Tag on SDS-PAGE under reducing condition.

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