

**SIRPG, 29-360aa, Human, hlgG-His-tag, Baculovirus**

**Cat.NO.: TP03942**

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3th Edition

**Synonyms:**Signal-regulatory protein gamma isoform 1, SIRPG, bA77C3.1, CD172g, SIRP-B2, SIRPB2, SIRPgamma

**Description:**SIRPG, also known as signal-regulatory protein gamma isoform 1, is a member of a closely related family of three cell surface receptors implicated in modulating immune/inflammatory responses. It is expressed on T lymphocytes where it appears to be involved in the integrin-independent adhesion of lymphocytes to antigen-presenting cells. Adhesion of human T cells to antigen-presenting cells through its interaction costimulates T-cell proliferation. Recombinant human SIRPG, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol.

**Molecular Weight:**64.0kDa (574aa) 70-100kDa (SDS-PAGE under reducing conditions)

**Sequences:**

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.