

## 32-4848: Recombinant Human Signal-Regulatory Protein Gamma

**Alternative Name :** signal-regulatory protein gamma isoform 1 precursor, bA77C3.1, CD172g, SIRP-B2, SIRPB2, SIRPgamma, Signal-Regulatory Protein Gamma, SIRPG, SIRP-b2, SIRP-beta-2, CD\_antigen: CD172g, CD172 antigen-like family member B, Signal-regulatory protein beta-2,

### Description

Source : Escherichia Coli. SIRPG Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 355 amino acids (29-360 a.a.) and having a molecular mass of 39.1kDa. SIRPG is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Signal-Regulatory Protein Gamma (SIRPG) belongs to the signal-regulatory protein (SIRP) family whose members are receptor-type transmembrane glycoproteins which negatively regulate the receptor tyrosine kinase-coupled signaling processes. SIRPG is also a part of the immunoglobulin superfamily.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 80.0% as determined by SDS-PAGE.  
**Content :** SIRPG protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHH SSGLVPRGSH MGSEELQMI QPEKLLLVTV GKTATLHCTV TSLLPVGPVL  
WFRGVGPGRE LIYNQKEGHF PRVTTVSDLT KRNNMDFSIR ISSITPADVG TYYCVKFRKG SPENVEFKSG  
PGTEMALGAK PSAPVVLGPA ARTTPEHTVS FTCESHGFSP RDITLKWFKN GNELSDFQTN VDPTGQSVAY  
SIRSTARVVL DPWDVRSQVI CEVAHVTLQG DPLRG TANLS EAIRVPPTLE VTQQPMRVGN QNVNVCQVRK  
FYPSLQLTW SENGVCQRE TASTLTENKD GTYNWTSWFL VNISDQRDDV VLTCQVKHDG  
QLAVSKRLAL EVT VH QKDQS SDATP.