

**SIRPG, 29- 360aa, Human, His tag, E.coli**

**Cat.NO.: TP03941**

3th Edition

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

**Description:**SIRPG 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. Recombinant human SIRPG protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

**Molecular Weight:**39.1 kDa (355aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVG PVLWFRGVGPGRELIYNQ  
KEGHFPRVTTVSDLTKRNNMDF SIRISSITPADVGTYYCVKFRKGGSPENVEFKSGPGTEMALGAKPSAPVVLGPAA  
RTTPEHTVSFTCESHGFSPRDLTKWFKNGNELSDFQTNVDPTGQSVAYSIRSTARVLD PWDVRSQVICEVAHVT  
LQGDPLRG TANLSEAIRVPPTLEV TQQPMRVGNQVNVTCQVRKFYPQSLQLT WSENGNVCQRETASTLTENKDGT  
YNWTSWFLVNI SDQRDDVVLTCQVKH DGLAVSKRLALEVT VH QKDQSSDATP

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**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.