
Product Data Sheet

Product Name: SIRPG Human
 Cat. No.: GP24590
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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; SIRP-gamma.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSEELQMI QPEKLLLVTV GKTATLHCTV TSLLPVGPVL WFRGVGPGRE LIYNQKEGHF PRVTTVSDLT KRNNMDFSIR ISSITPADVG TYYCVKFRKG SPENVEFKSG PGTEMALGAK PSAPVVLGPA ARTTPEHTVS FTCESHGFSP RDITLKWFKN GNELSDFQTN VDPTGQSVAY SIRSTARVVL DPWDVRSQVI CEVAHVTLQG DPLRGTANLS EAIRVPPTLE VTQQPMRVGN QVNVTCQVRK FYPQSLQLTW SENGNVQRE TASTLTENKD GTYNWTSWFL VNISDQRDDV VLTCQVKHDG QLAVSKRLAL EVT VH QKDQS SDATP.		
Formulation	SIRPG protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

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.

Stability

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%

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA