



Recombinant Human Signal-regulatory protein gamma (SIRPG)

Product Code	CSB-EP021338HU-B
Abbreviation	SIRPG
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9P1W8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	EE ELQMIQPEKL LLVTVGKTAT LHCTVTSLLP VGPVLWFRGV GPGRELIYNQ KEGHFPRVTT VSDLTKRNNM DFSIRISSIT PADVGTYYCV KFRKGGSPENV EFKSGPGTEM ALGAKPSAPV VLGPAARTTP EHTVSFTCES HGFSRPDITL KWFKNGNELS DFQTNVDPTG QSVAYSIRST ARVVLDPWDV RSQVICEVAH VTLQGDPLRG TANLSEAIRV PPTLEVTQQP MRVGNQVNVT CQVRKFYPQS LQLTWSSENGN VCQRETASTL TENKDGTYNW TSWFLVNISD QRDDVVLTCQ VKHDGQLAVS KRLALEVT VH QKDQSSDATP
Source	E.coli
Target Names	SIRPG
Protein Names	Recommended name: Signal-regulatory protein gamma Short name= SIRP-gamma Alternative name(s): CD172 antigen-like family member B Signal-regulatory protein beta-2 Short name= SIRP-b2 Short name= SIRP-beta-2 CD_antigen=
Expression Region	29-360
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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