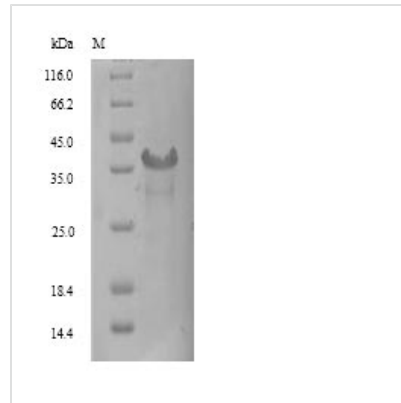




Recombinant Human Signal-regulatory protein gamma (SIRPG), partial

Product Code	CSB-YP021338HU
Relevance	Probable immunoglobulin-like cell surface receptor. On binding with CD47, mediates cell-cell adhesion. Engagement on T-cells by CD47 on antigen-presenting cells results in enhanced antigen-specific T-cell proliferation and costimulates T-cell activation.
Abbreviation	Recombinant Human SIRPG protein, partial
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
Alias	CD172 antigen-like family member B Signal-regulatory protein beta-2 Short name:SIRP-b2 Short name:SIRP-beta-2 CD_antigen: CD172g
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	EEELQMIQPEKLLLVTVGKTATLHCTVTSLLPVG PVLWFRGVGPGRELIYNQKE GHFPRVTTVSDLTKRNNMDFSIRISSITPADVGTYYCVKFRKGS PENVEFKSGP GTEMALGAKPSAPVVLGPAARTTPEHTVSFTCESHGFS PRDITLKWFKNGNEL SDFQTNVDPTGQSVAYSIRSTARVVLDPWDVRSQVICEVAHVTLQGDPLRGT ANLSEAIRVPPTLEVTQQPMRVGNQVNVTCQVRKFYPQSLQLT WSENGNVQC RETASTLTENKDGTYNWT SWFLVNISDQRDDVVLTCQVKH DGQLAVSKRLAL EVTVHQKDQSSDATP
Research Area	Immunology
Source	Yeast
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	29-360aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	38.8kDa

**Protein Length****Extracellular Domain****Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

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.