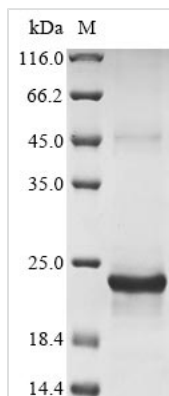




Recombinant Human variant SIRP alpha (SIRPA)

Product Code	CSB-EP3582HU
Abbreviation	Recombinant Human SIRPA protein
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.	P78324
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MEEELQIIQPDKSVLVAAGETATLRCTITSLFPVGPIQWFRGAGPGRVLIYNQR QGPFPRTTVSDTTKRNNMDFSIRIGNITPADAGTYCYIKFRKGSPDDVEFKSG AGTELSVRAKPVDDGGFLGGGGCG
Research Area	Cardiovascular
Source	E.coli
Target Names	SIRPA
Expression Region	1-131aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	21.5 kDa
Protein Length	Full Length

Image



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



Description

Introducing our Recombinant Human SIRPA protein, expertly crafted for cardiovascular research applications. This full-length Tyrosine-protein phosphatase non-receptor type substrate 1 (SHP substrate 1; SHPS-1; CD172 antigen-like family member A; CD172a) is expressed in an E.coli system, encompassing the 1-131aa expression region to deliver the entire mature protein sequence. The SIRPA protein is N-terminal 10xHis-tagged and C-terminal Myc-tagged, allowing for streamlined purification and detection processes, ensuring consistent performance and reliable results in your experiments.

With a purity greater than 85% as determined by SDS-PAGE, our Recombinant Human SIRPA protein is available in both liquid and lyophilized powder forms. Trust this high-quality protein to support your cardiovascular research and provide dependable, reproducible outcomes.

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.