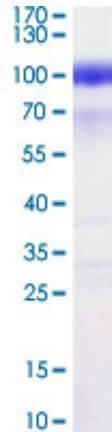


Recombinant Human SIRPA Protein (31-370), C-Fc/6×His-tagged

Product Information

Cat	IMP-7992
Official Symbol	SIRPA
Product Overview	Human SIRPA (NP_542970.1, 31 a.a.-370 a.a.) partial recombinant protein with Fc, 6x His tag at C-terminal expressed in HEK293 cells.
Description	<p>The protein encoded by this gene 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. This protein can be phosphorylated by tyrosine kinases. The phospho-tyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal transduction mediated by various growth factor receptors. CD47 has been demonstrated to be a ligand for this receptor protein. This gene and its product share very high similarity with several other members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene.</p>
Expression System	HEK293
Species	Human
Tag	C-Fc/6×His
Form	Lyophilized from PBS, pH 7.4.
Protein length	31-370
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	> 95% by SDS-PAGE
Applications	Immunogen; SDS-PAGE
Storage	Store the lyophilized protein at -20 to -80 centigrade for long term. After reconstitution to a concentration of 0.1-0.5 mg/mL in sterile distilled water, the protein solution is stable at -20 centigrade for 3 months, at 2-8 centigrade for up to 1 week. Aliquot to avoid repeated freezing and thawing.

SDS-PAGE



SDS-PAGE Stained with Coomassie Blue, SIRPA (Human) Recombinant Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-100 kDa.

Bioactivity-ELISA 1

