

Product Datasheet

Recombinant Human Signal-regulatory protein beta-1 (SIRPB1), partial (Active) (orb3155653)

Catalog Number	orb3155653
Category	Proteins
Description	Recombinant Human Signal-regulatory protein beta-1 (SIRPB1), partial (Active)
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Protein Sequence	EDELQVIQPEKSVSVAAGESATLRCAMTSLIPVGPIMWFRGAGAGRELIYNQKEGHFPRVTT VSELTKRNNLDFSISISNITPADAGTYCYVKFRKGGSPDDVEFKSGAGTELSVRAKPSAPVVSG PAVRATPEHTVSFTCESHGFSRDLTKWFKNGNELSDFQTNVDPAGDSVSYSIHSTARVVL TRGDVHSQVICEIAHITLQGDPLRGTANLSEAIRVPPTLEVTTQPMRAENQANVTCQVSNFY PRGLQLTWLENGNVSRRTETASTLIENKDGTYNWMSWLLVNTCAHRDDVLTQCVEHDGQ QAVSKSYALEISAHQKEHGSDITHEAALAPTAPL
Protein Length	Partial
UniProt ID	O00241
MW	38.6 kDa
Application notes	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.

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Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	① Measured by its binding ability in a functional ELISA. Immobilized Human SIRPB1 at 2 µg/mL can bind anti-SIRPB1 recombinant antibody (CSB-RA021335MA1HU). The EC50 is 0.9675-1.114 ng/mL. ② SIRPB1 Recombinant Monoclonal Antibody (CSB-RA021335MA1HU) captured on Protein A Chip can bind Human SIRPB1 with an affinity constant of 0.245 nM as detected by MetaSPR Assay (WeSPRTM 200).
Expression Region	30-371aa
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.
Note	For research use only
Expiration Date	6 months from date of receipt.

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