SIRPB1, Recombinant, Human, aa30-371, His-Tag (Signal-Regulatory Protein beta-1)

Catalog number

375300

Supplier

United States Biological

Immunoglobulin-like cell surface receptor involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Participates also in the recruitment of tyrosine kinase SYK.

Source

Recombinant protein corresponding to aa30-371 from human SIRPB1, fused to His-Tag at N-terminal, expressed in E. coli.

Molecular Weight

~41.3kD

AA Sequence

EDELQVIQPEKSVSVAAGESATLRCAMTSLIPVGPIMWFRGAGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFSISI
SNITPADAGTYYCVKFRKGSPDDVEFKSGAGTELSVRAKPSAPVVSGPAVRATPEHTVSFTCESHGFSPRDITLKWF
KNGNELSDFQTNVDPAGDSVSYSIHSTARVVLTRGDVHSQVICEIAHITLQGDPLRGTANLSEAIRVPPTLEVTQQP
MRAENQANVTCQVSNFYPRGLQLTWLENGNVSRTETASTLIENKDGTYNWMSWLLVNTCAHRDDVVLTCQVEHD
GQQAVSKSYALEISAHQKEHGSDITHEAALAPTAPL

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris, 50% glycerol.

Purity

≥90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

41.3

Antigen Modification

Recombinant, E. coli

Reference

1. "Paired receptor specificity explained by structures of signal regulatory proteins alone and complexed with CD47." Hatherley D., Graham S.C., Turner J., Harlos K., Stuart D.I., Barclay A.N.Mol. Cell 31:266-277(2008).