

Human SIRP Beta 1 isoform 3 Protein, Ultra Low Endotoxin



Cat. No. SRP-HM4BL-UL

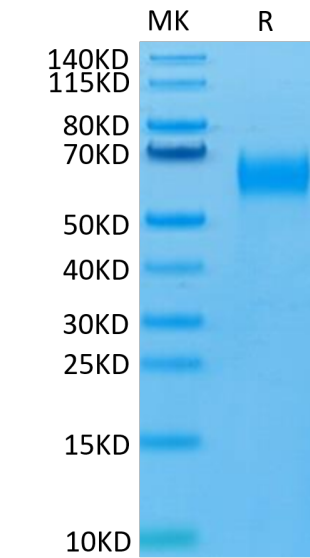
Description	
Source	Recombinant Human SIRP Beta 1 isoform 3 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Glu30-Leu371.
Accession	Q5TFQ8-1
Molecular Weight	The protein has a predicted MW of 39.9 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
Signal regulatory protein β1 (SIRPB1) is a signal regulatory protein member of the immunoglobulin superfamily and is capable of modulating receptor tyrosine kinase-coupled signaling. Copy number variations at the SIRPB1 locus were previously reported to associate with prostate cancer aggressiveness in patients. SIRPB1 gene amplification and overexpression were detected in prostate cancer specimens. The knockdown of SIRPB1 significantly suppressed cell growth in colony formation assays and cell mobility.	

Assay Data

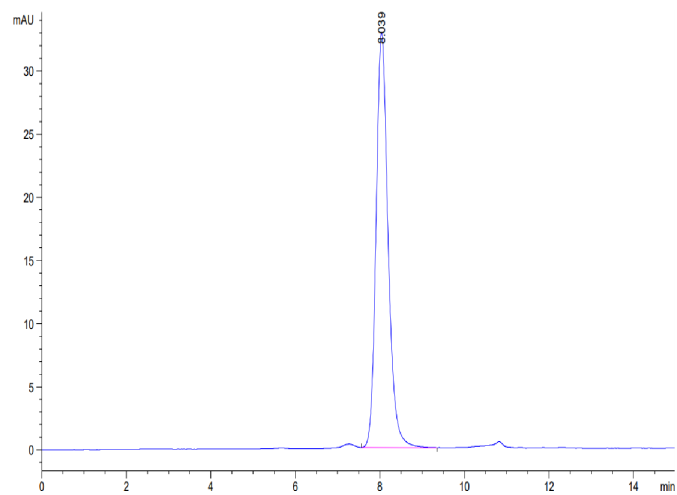
Bis-Tris PAGE



Human SIRP Beta 1 isoform 3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Human SIRP Beta 1 isoform 3 is greater than 95% as determined by SEC-HPLC.