

## 32-8974: Recombinant Human Signal-regulatory Protein Beta-1/SIRPB1/CD172b (C-6His)

**Gene :** SIRPB1  
**Gene ID :** 10326  
**Uniprot ID :** O00241

### Description

Source: Human Cells.  
MW :37.4kD.

Recombinant Human Signal-regulatory Protein Beta-1 is produced by our Mammalian expression system and the target gene encoding Glu30-Glu362 is expressed with a 6His tag at the C-terminus. Signal-regulatory protein beta-1 (SIRPB1, CD172b) 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 was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** EDELQVIQPEKSVSVAAGESATLRCAMTSLIPVGPIMWFRGAGAGRELIYNQKEGHFPRVTTVSELTKRNNLDF  
SISISNITPADAGTYCYVKFRKGGPDDVEFKSGAGTELSVRAKPSAPVVSQPAVRATPEHTVSFTCESHGFSRDI  
TLKWFKNGNELSDFQTNVDPAGDSVSYSIHSTARVVLRGQVDSVQVCEIAHITLQGDPLRGATANLSEAIRVPPT  
LEVTTQPMRAENQANVTCQVSNFYPRGLQLTWLENGNVSRTETASTLIENKDGTYNWMSWLLVNTCAHRDD  
VVLTCQVEHDGQQAQVSKSYALEISAHQKEHGSITHEGSHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.