

Product datasheet for **TP725259**

Cynomolgus Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus SIRP beta 1(C-His)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Glu30-Pro369
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose.
Note:	Recombinant Human Signal-regulatory Protein Beta-1 is produced by our Mammalian expression system and the target gene encoding Glu30-Pro369 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Signal-regulatory protein beta-1 is a type I membrane glycoprotein, that is is a member of the SIRP(CD172) family and also belongs to the immunoglobulin superfamily. Cynomolgus SIRP beta 1 shares 87% aa sequence identity with human SIRP beta 1. SIRP family members are typically expressed in cells of monocyte, macrophage or dendritic lineages and are known to associate with 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.



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