

Cynomolgus CD2/SRBC Protein

Cat. No. CD2-CM101



Description

Source	Recombinant Cynomolgus CD2/SRBC Protein is expressed from Expi293 with His tag at the C-terminal. It contains Ile25-Gln209.
Accession	G7NWY5
Molecular Weight	The protein has a predicted MW of 22.31 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

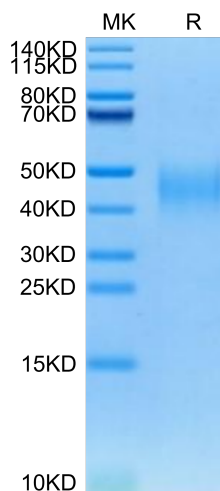
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

The CD2 family of receptors is evolutionarily conserved and widely expressed on cells within the hematopoietic compartment. In recent years several new members have been identified with important roles in the immune system. CD2 family members regulate natural killer (NK) cell lytic activity and inflammatory cytokine production when engaged by ligands on tumor cells.

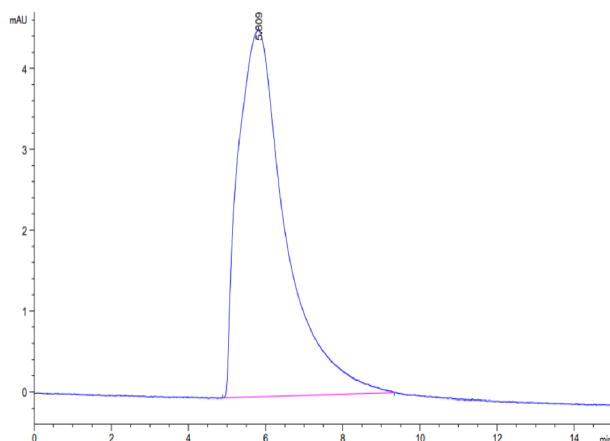
Assay Data

Tris-Bis PAGE



Cynomolgus CD2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus CD2 is greater than 95% as determined by SEC-HPLC.