

Mouse CD2/SRBC Protein

Cat. No. CD2-MM102

Description

Source	Recombinant Mouse CD2/SRBC Protein is expressed from HEK293 with His tag at the C-terminus. It contains Arg23-Ser203.
Accession	P08920
Molecular Weight	The protein has a predicted MW of 22.32 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE >95% as determined by HPLC

Formulation and Storage

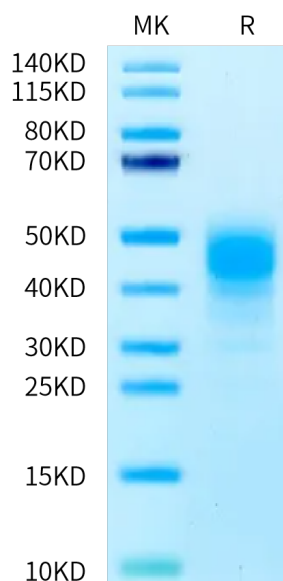
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

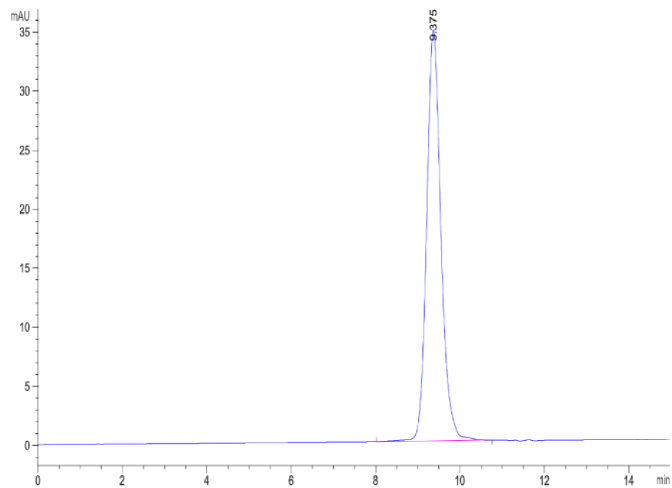
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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