

Mouse SLAMF7/CRACC/CD319 Protein



Cat. No. SMF-MM107

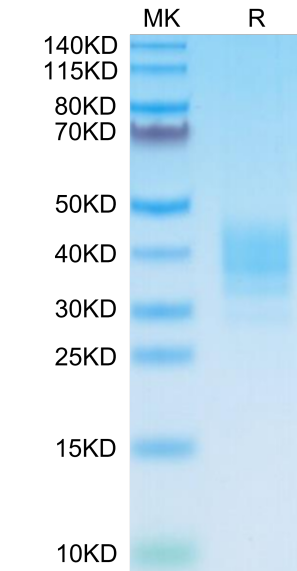
Description	
Source	Recombinant Mouse SLAMF7/CRACC/CD319 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser23-Gly224.
Accession	Q8BHK6-1
Molecular Weight	The protein has a predicted MW of 23.1 kDa. Due to glycosylation, the protein migrates to 30-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 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	
CD2-like receptor activating cytotoxic cells (CRACC), also known as CS1, novel Ly9, SLAMF7, and CD319, is a 65-75 kDa type I transmembrane glycoprotein in the SLAM subgroup of the CD2 family. Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response.	

Assay Data

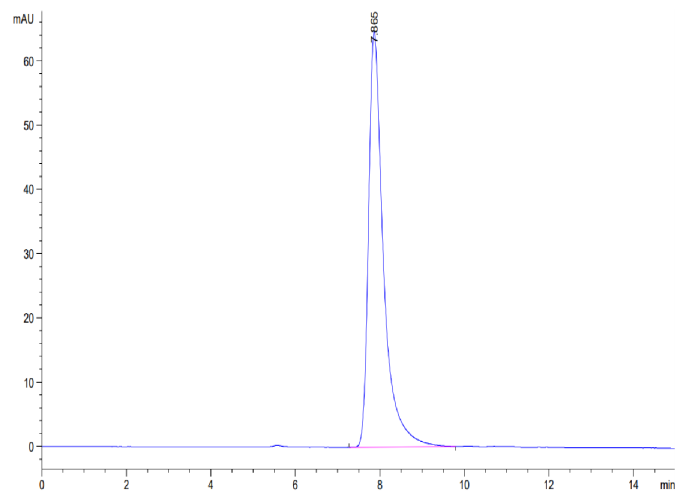
Bis-Tris PAGE



Mouse SLAMF7 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Mouse SLAMF7 is greater than 95% as determined by SEC-HPLC.