

Cynomolgus CD38 Protein

Cat. No. CD3-CM138



Description

Source	Recombinant Cynomolgus CD38 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu44-Ile301.
Accession	Q5VAN0
Molecular Weight	The protein has a predicted MW of 31 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

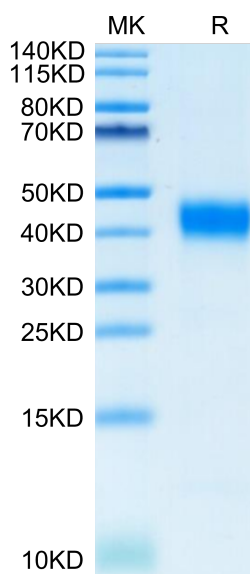
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CD38 (cluster of differentiation 38), also known as cyclic ADP ribose hydrolase, is a transmembrane glycoprotein found on the surface of some immune cells including plasma cells, activated or immature T and B cells, monocytes, and natural killer cells. CD38 participates in cell adhesion, signal transduction and calcium signaling.

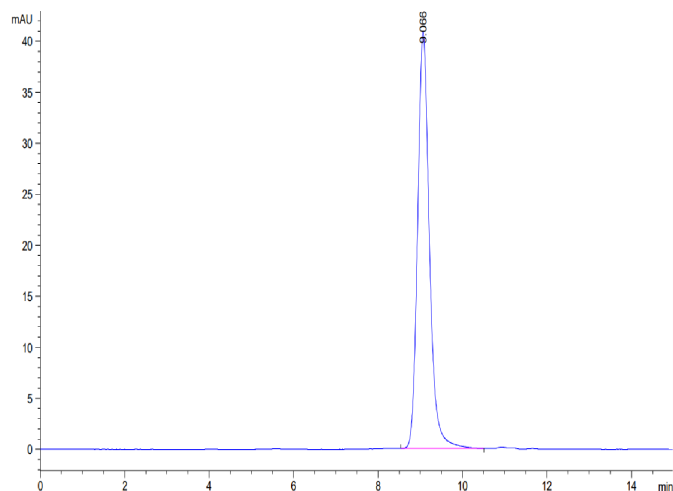
Assay Data

Bis-Tris PAGE



Cynomolgus CD38 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus CD38 is greater than 95% as determined by SEC-HPLC.