

Mouse ICOS/CD278 (C137S, C138S) Protein

Cat. No. ICO-MM102

Description

Source	Recombinant Mouse ICOS/CD278(C137S, C138S) Protein is expressed from Expi293 with His tag at the C-terminal. It contains Glu21-Leu144(C137S, C138S).
Accession	Q9WVS0
Molecular Weight	The protein has a predicted MW of 15.3 kDa. Due to glycosylation, the protein migrates to 27-38 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

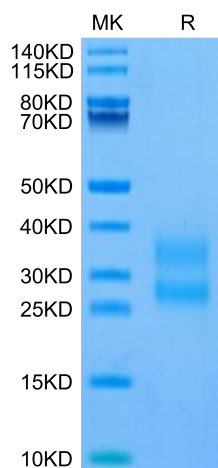
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller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

Background

Inducible co-stimulator (ICOS), also called ALLIM (activation-inducible lymphocyte immunomediatory molecule) and CRP-1 (CD28-related protein-1), is a member of the growing CD28 family of immune costimulatory receptors. Other family members are CD28, CTLA-4 and PD-1.

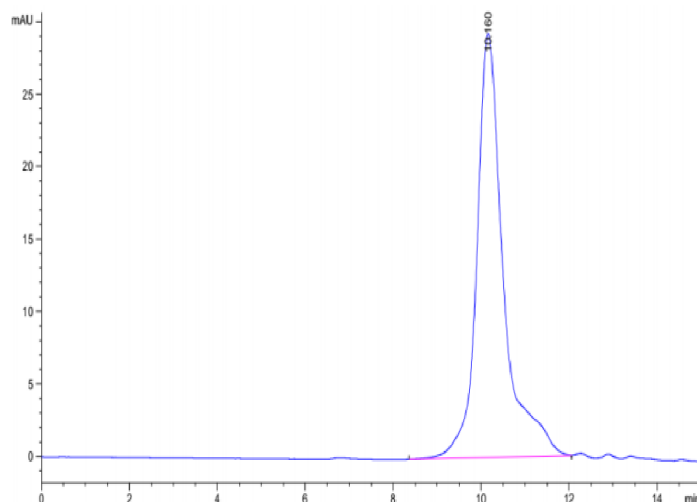
Assay Data

Tris-Bis PAGE



Mouse ICOS (C137S, C138S) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse ICOS (C137S, C138S) is greater than 95% as determined by SEC-HPLC.