Mouse CD7 Protein

Cat. No. CD7-MM201

Description

Source	Recombinant Mouse CD7 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gln24-Pro150.
Accession	P50283
Molecular Weight	The protein has a predicted MW of 15.3 kDa. Due to glycosylation, the protein migrates to 25-28 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

Formulation and Storage

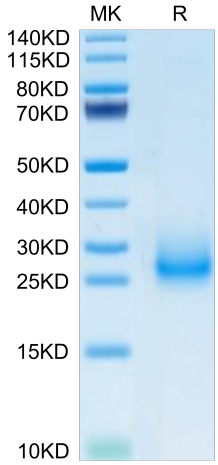
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CD7, also known as Leu-9, is an approximately 40 kDa glycosylated and palmitoylated transmembrane protein in the immunoglobulin superfamily.CD7 is expressed on T cells, NK cells , myeloid progenitor cells, and CD19 B progenitor cells. Among CD8 T cells, the CD7-bright population preferentially contains naïve and memory cells, while more weak expressors are primarily effector cells.

Assay Data

Tris-Bis PAGE



Mouse CD7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.