

Mouse LY75/CD205 Protein

Cat. No. LY7-MM105

Description

Source	Recombinant Mouse LY75/CD205 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser28-Asp1667.
Accession	Q60767
Molecular Weight	The protein has a predicted MW of 189.5 kDa. Due to glycosylation, the protein migrates to 235-250 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

Formulation and Storage

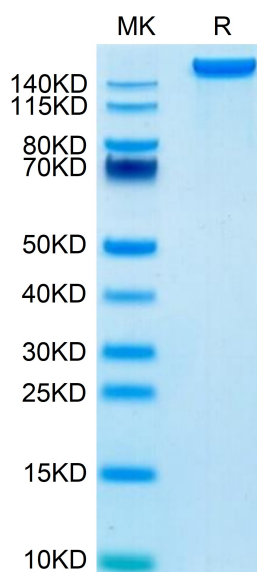
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Lymphocyte antigen 75 (Ly75/CD205) is a surface marker on mitotic germ cells in rainbow trout. In mammals, several cell surface molecular markers have been characterized in order to identify the mitotic germ cells. The expression profile of Ly75 protein was similar to that of the mRNA. Furthermore, identification of various fish homologs of Ly75 confirmed that their amino acid sequences are well conserved. Therefore, Ly75 may be appropriate for use as a versatile cell surface marker for mitotic germ cells in fish.

Assay Data

Bis-Tris PAGE



Mouse LY75/CD205 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.