

Mouse CD9P1 Protein

Cat. No. CD9-MM101

Description

Source	Recombinant Mouse CD9P1 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Arg22-Pro832.
Accession	Q9WV91
Molecular Weight	The protein has a predicted MW of 92.21 kDa. Due to glycosylation, the protein migrates to 110-120 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

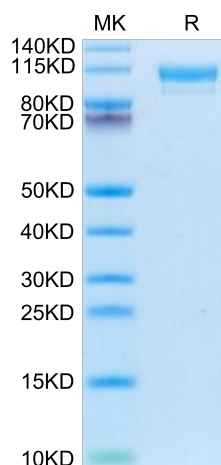
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller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

Background

The membrane protein CD9P-1 is a major component of the tetraspanin web, a network of molecular interactions in the plasma membrane, in which it specifically associates with tetraspanins CD9 and CD81. All CD9P-1 isoforms associate with CD9 leading to additional level of complexity of this primary complex in the tetraspanin web.

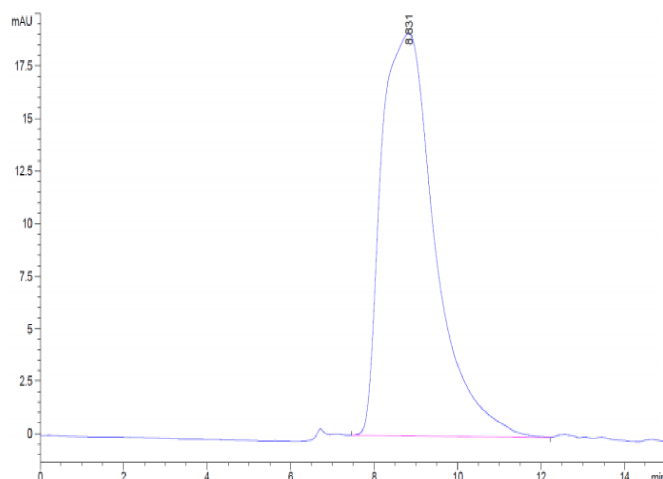
Assay Data

Tris-Bis PAGE



Mouse CD9P1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse CD9P1 is greater than 95% as determined by SEC-HPLC.