

Human CD9P1 Protein

Cat. No. CD9-HM101

Description

Source	Recombinant Human CD9P1 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Val26–Pro832.
Accession	Q9P2B2
Molecular Weight	The protein has a predicted MW of 91.55 kDa. Due to glycosylation, the protein migrates to 100-110 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

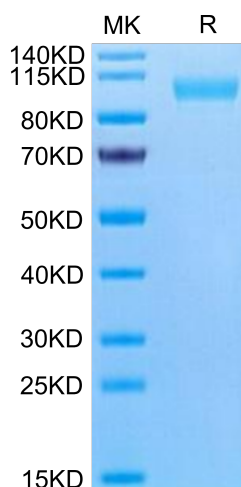
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller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

Background

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.

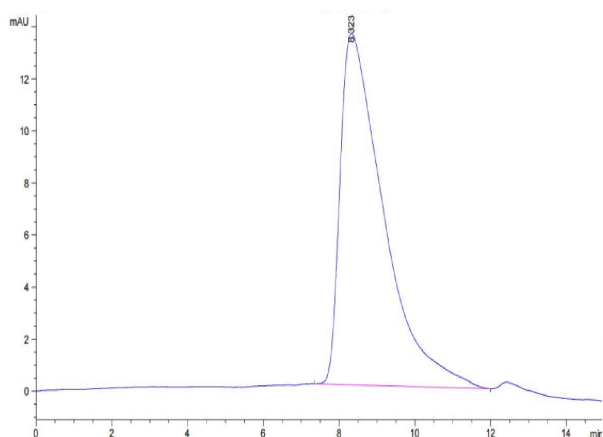
Assay Data

Tris-Bis PAGE



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

SEC-HPLC



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