

Rev03
 Update: Aug,08,2025

DATASHEET

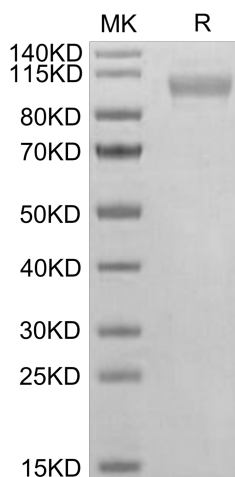
CD9P1, His, Human

Cat. No.: Z04243

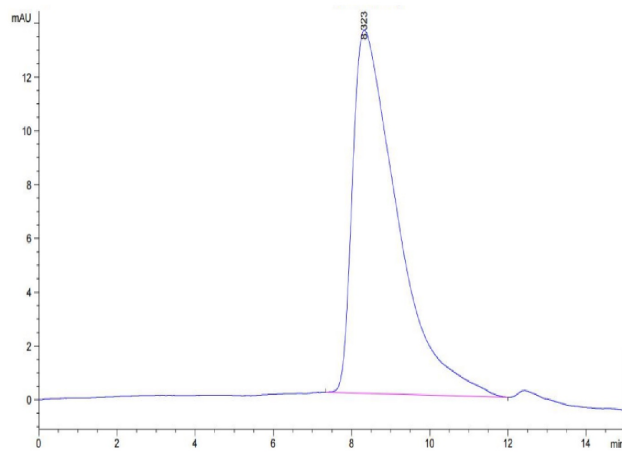
Product Introduction

Species	Human
Protein Construction	<div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px; font-size: 0.9em;"> CD9P1 (Val26-Pro832) Accession # Q9P2B2 </div> <div style="background-color: #76b82a; color: white; padding: 5px; font-size: 0.9em;"> His </div> </div> <div style="display: flex; justify-content: space-around; font-size: 0.8em; margin-top: 2px;"> N-term C-term </div>
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	91.55 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 100-110 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



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



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

Background

Target 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.

Synonyms : CD9 partner 1; CD9P-1; EWI-F; CD315

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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