

Rev03
 Update: Aug,08,2025

DATASHEET

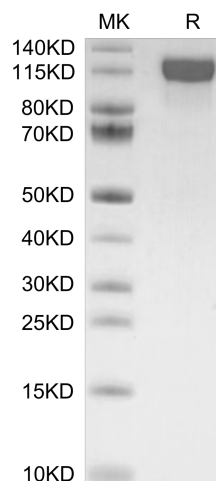
P-Selectin/CD62P, His, Mouse

Cat. No.: Z06326

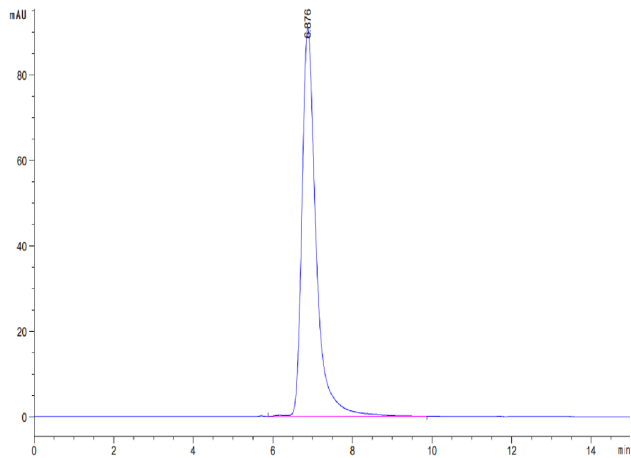
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> P-Selectin/CD62P (Trp42-Ala709)_x000D_ Accession # Q01102 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center;"> His </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	81.1 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 110-130 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm 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



P-Selectin/CD62P, His, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of P-Selectin/CD62P, His, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target Background : P-selectin is critical in the progression of atherosclerosis as evidenced by knockout animal models where P-selectin knockout mice crossed with apoE deficient mice exhibit significantly reduced atherosclerosis and leukocyte recruitment in the plaque. A soluble form of P-selectin also exists, which may have pro-atherogenic and pro-thrombotic effects. Thus targeting of P-selectin remains a strong clinical candidate for developing novel therapeutic strategies in inflammatory diseases

Synonyms : FLJ45155; GMP140; GRMP; PADGEM; PSEL; P-Selectin; SELP; CD62P; CD62; LECAM3

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

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China