

## CD162/PSGL-1 Protein, Human (HEK293, His)

Cat. No.:	HY-P77163
Synonyms:	P-selectin glycoprotein ligand 1; PSGL-1; Selectin P ligand; CD162; SELPLG
Species:	Human
Source:	HEK293
Accession:	Q14242 (M1-G295)
Gene ID:	6404
Molecular Weight:	Approximately 89&61 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	CD162/PSGL-1 Protein is a SLe(x)-type proteoglycan that plays a crucial role in inflammation. It facilitates the rapid rolling of leukocytes over vascular surfaces during the initial stages of inflammation by interacting with E-, P-, and L-selectins through high affinity, calcium-dependent interactions. CD162/PSGL-1 Protein is essential for the initial capture of leukocytes. In addition to its role in inflammation, it also acts as a receptor for enterovirus 71 during microbial infection.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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