

## CD162/PSGL-1 Protein, Human (254a.a, HEK293, Fc)

Cat. No.:	HY-P72485
Synonyms:	P-selectin glycoprotein ligand 1; PSGL-1; Selectin P ligand; CD162; SELPLG
Species:	Human
Source:	HEK293
Accession:	Q14242 (Q42-G295)
Gene ID:	6404
Molecular Weight:	100-130 kDa

### PROPERTIES

AA Sequence	<p>Q A T E Y E Y L D Y    D F L P E T E P P E    M L R N S T D T T P    L T G P G T P E S T</p> <p>T V E P A A R R S T    G L D A G G A V T E    L T T E L A N M G N    L S T D S A A M E I</p> <p>Q T T Q P A A T E A    Q T T Q P V P T E A    Q T T P L A A T E A    Q T T R L T A T E A</p> <p>Q T T P L A A T E A    Q T T P P A A T E A    Q T T Q P T G L E A    Q T T A P A A M E A</p> <p>Q T T A P A A M E A    Q T T P P A A M E A    Q T T Q T T A M E A    Q T T A P E A T E A</p> <p>Q T T Q P T A T E A    Q T T P L A A M E A    L S T E P S A T E A    L S M E P T T K R G</p> <p>L F I P F S V S S V    T H K G</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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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