

P-Selectin Glycoprotein Recombinant Protein | PSGL1 recombinant protein

Recombinant P-Selectin Glycoprotein Ligand 1 (PSGL1)

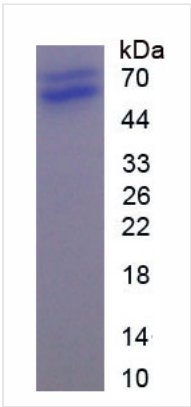
CATALOG # AAA144274	HOST E. Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

P-Selectin Glycoprotein; Recombinant P-Selectin Glycoprotein Ligand 1 (PSGL1); PSGL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Purity/Purification	>90%
Concentration	Original Concentration: 200 Ug/mL (varies by lot)
Applicable Applications for PSGL1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Ser94~Ser345
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Chromosome
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Predicted isoelectric point	5.3
Predicted Molecular Mass	56.2kDa
Accurate Molecular Mass	70/65kDa as determined by SDS-PAGE reducing conditions.
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
USAGE	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/p-selectin-glycoprotein-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144274>