Plasminogen Activator Inhibitor 2 (PAI2) Recombinant Protein | PAI2 recombinant protein

Recombinant Plasminogen Activator Inhibitor 2 (PAI2)

CATALOG #	HOST	APPLICATIONS
AAA135509	**E.coli**	**Western Blot, SDS-Page**

PRODUCT SYNONYMS

Plasminogen Activator Inhibitor 2 (PAI2); Recombinant Plasminogen Activator Inhibitor 2 (PAI2); PAI2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 600ug/mL (varies by lot)
Applicable Applications for PAI2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Ile68~Lys313
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
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 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES

SDS-PAGE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	292781697
NCBI GeneID	18788
NCBI Accession #	NP_001167641.1
NCBI GenBank Nucleotide #	NM_001174170.1
UniProt Accession #	P12388; O35687; Q9QWP6; Q9QWP7; Q9QWP8; Q9QWP9; Q9QWQ0; Q9QWZ5; Q9QWZ6
Molecular Weight	Predicted Molecular Mass: 31.7kDa Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	plasminogen activator inhibitor 2, macrophage
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade B, member 2
NCBI Official Symbol	Serpinb2
NCBI Official Synonym Symbols	PAI-2; Planh2; ovalbumin
NCBI Protein Information	plasminogen activator inhibitor 2, macrophage; serpin B2; plasminogen activator inhibitor, type II; serine (or cysteine) proteinase inhibitor, clade B, member 2; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2
UniProt Protein Name	Plasminogen activator inhibitor 2, macrophage
UniProt Gene Name	**Serpinb2**
UniProt Synonym Gene Names	Pai2; Planh2; PAI-2
UniProt Entry Name	PAI2_MOUSE

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/serpinb2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135509