

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

Recombinant Plasminogen Activator Inhibitor 2 (PAI2)

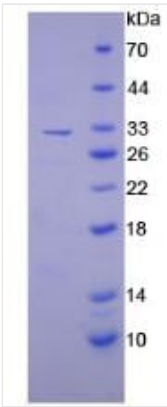
CATALOG # AAA135509	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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.



ITT RNPENFSGCD FAQQIQKENY PSAILQAQAG
DKIHSAFSSL SSTINTPGD YLLESANKLF GEKSARFKEE YIQLSKKYYYS
TEPEAVDFLE CAEEAREKIN SHVKTQTKGE IPNLLPEGSV DEDTKMVLVN
AVYFKGKWKI PFEKKLNGLY PFRVNSHESI PVQMFLHAK LNIGYIKDLK
TQILELPHGT NISMLLLLPD EIEDASTGLE LLESEINFAN FNKWISKDTL
DEDDVVVYIP KFK

Sequence

SDS-PAGE

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://www.aaabiotech.com/serpinb2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135509>