YBA532Hu01 100μg

Plasminogen Activator Inhibitor 1 (PAI1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PROPERTIES]

Residues: His25~Pro402 (Accession # P05121), with N-terminal His-Tag.

Host: *E. coli*

Subcellular Location: Secreted.

Purity: >95%

Endotoxin Level: <1.0EU per 1μg

(determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4,

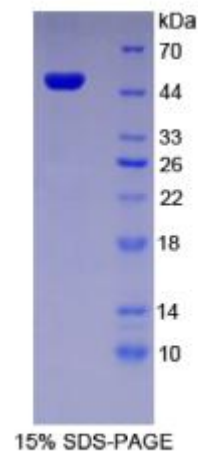containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 6.4

Predicted Molecular Mass: 48.4kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

15% SDS-PAGE

kDa — 70, 44, 33, 26, 22, 18, 14, 10

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.

MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF- HHPPSY
VAHLASDFGV RVFQQVAQAS KDRNVVFSPY GVASVLAMLQ LTTGGETQQQ IQAAMGFKID
DKGMAPALRH LYKELMGPWN KDEISTTDAI FVQRDLKLVQ GFMPHFFRLF RSTVKQVDFS
EVERARFIIN DWVKTHTKGM ISNLLGKGAV DQLTRLVLVN ALYFNGQWKT PFPDSSTHRR
LFHKSDGSTV SVPMMAQTNK FNYTEFTTPD GHYYDILELP YHGDTLSMFI AAPYEKEVPL
SALTNILSAQ LISHWKGNMT RLPRLLVLPK FSLETEVDLR KPLENLGMTD MFRQFQADFT
SLSDQEPLHV AQALQKVKIE VNESGTVASS STAVIVSARM APEEIIMDRP FLFVVRHNPT
GTVLFMGQVM EP