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Plasminogen Activator, Urokinase Receptor (uPAR)

Organism: Mus musculus (Mouse)

Instruction manual

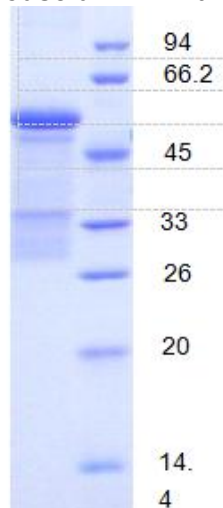
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4th Edition (Revised in August, 2012)

[DESCRIPTION]

Mouse uPAR kDa



15% SDS-PAGE

Protein Names: Plasminogen Activator, Urokinase Receptor

Synonyms: uPAR, Plaur

Species: Mouse

Size: 100µg

Source: *Escherichia coli* -derived

Subcellular Location: Cell membrane; Lipid-anchor, GPI-anchor. Secreted.

[PROPERTIES]

Residues: Thr15~Asn211 (Accession # P35456), with N-terminal GST-his-Tag.

Grade & Purity: >90%, 52 kDa as determined by SDS-PAGE reducing conditions.

Formulation: Supplied as lyophilized form in PBS, pH 7.4, containing 0.01% Sarcosyl, 5% sucrose.

Endotoxin Level: <1.0 EU per 1µg (determined by the LAL method).

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

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

Predicted Molecular Mass: 51.9 kDa

Predicted isoelectric point: 6.2



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[PREPARATION]

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



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[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 GST-his-Tag, its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVCLTQSMA IIRYADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLPEML KMFEDRLCHK TYLNGDHSVH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
WPLQGWQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQGPLGSEF
-TCVPASWGLR CMQCKTNGDC RVEECALGQD LCRTTIVRLW EEGLLELVE KSCTHSEKTN RTLSYRTGLK ITSLTEVVCG
LDLCNQGNNG RAVTYSRSRY LECISCGSSD MSCERGRHQS LQCRSPEEQC LDVVTHWIQE GEEGRPKDDR HLRGCGYLP
CPGSNGFHNN DTFHFLKCCN TTKCNEGPIL ELENLPQN

[REFERENCES]

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