



**P90141Mu01**

**Plasminogen Activator, Urokinase Receptor (uPAR)**

**Organism: Mus musculus (Mouse)**

***Instruction manual***

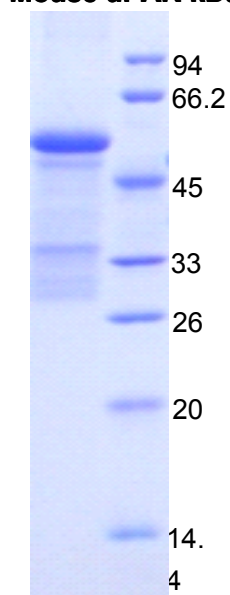
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4th Edition (Revised in August, 2012)

## **[ 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

## **[ PREPARATION ]**

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

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV  
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA  
WPLQGQWQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV LFGQPLGSEF  
-TCVPASWGLR CMQCKTNGDC RVEECALGQD LCRTTIVRLW EEGEELVE KSCTHSEKTN RTLSYRTGLK ITSLTEVCG  
L DLCNQGNSG RAVTYSRSRY LECISCGSSD MSCERGRHQS LQCRSPEEQC LDVVTHWIQE GEEGRPKDDR HLRGCGYLPG  
CPGSNGFHNN DTFHFLKCCN TTKCNEGPIL ELENLPQN

## [ REFERENCES ]

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2. Suh T.T., *et al.* (1994) J. Biol. Chem. 269:25992-25998.
3. Miljkovic-Licina M., *et al.* (2009) FASEB J. 23:4105-4116.
4. Lin L., *et al.* (2010) J. Biol. Chem. 285:10982-10992.

