YBB895Mu01
100µg

Recombinant Mannose Associated Serine Protease 1 (MASP1)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: His25~Arg453

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P98064

Host: *E. coli*

Subcellular Location: Secreted.

Purity: >90%

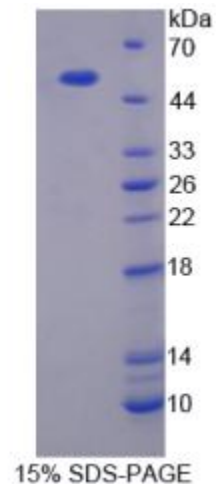**Endotoxin Level: <1.0EU per 1µg (determined by the LAL method).**

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.1

Predicted Molecular Mass: 52.6kDa

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

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

15% SDS-PAGE

[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 sequence of the target protein is listed below.

HTVELN EMFGQIQSPG YPDSYPSDSE VTWNITVPEG FRIKLYFMHF NLESSYLCEY
DYVKVETEDQ VLATFCGRET TDTEQTPGQE VVLSPGTFMS VTFRSDFSNE ERFTGFDAHY
MAVDVDECKE REDEELSCDH YCHNYIGGYY CSCRFGYILH TDNRTCRVEC SGNLFTQRTG
TITSPDYPNP YPKSSECSYT IDLEEGFMVS LQFEDIFDIE DHPEVPCPYD YIKIKAGSKV
WGPFCGEKSP EPISTQTHSV QILFRSDNSG ENRGWRLSYR AAGNECPKLQ PPVYGKIEPS
QAVYSFKDQV LVSCDTGYKV LKDNEVMDTF QIECLKDGAW SNKIPTCKIV DCGAPAGLKH
GLVTFSTRNN LTTYKSEIRY SCQQPYYKML HNTTGVYTCS AHGTWTNEVL KRSLPTCLPV
CGVPKFSRKQ ISR