

YBB494Ra01 100 μ g

Recombinant Fibromodulin (FMOD)

Organism Species: *Rattus norvegicus* (Rat)*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: Gln19~Ile376

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

Accession: P50609

Host: *E. coli*Subcellular Location: Secreted, extracellular space,
extracellular matrix.

Purity: >90%

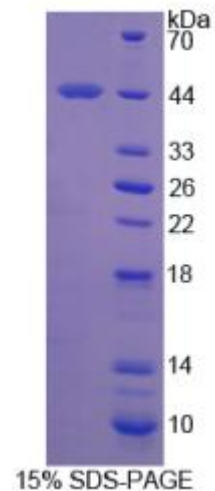
Endotoxin Level: <1.0EU per 1 μ g (determined by the
LAL method).Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.6

Predicted Molecular Mass:

45.0kDa

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





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

[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.

QY EED SHWWLQ Y LRN QQSTYYD PYD TYPYETS DPYPYEVEEG PAYAYGAPPP
PEPRDCPQEC DCPNFPPTAM YCDNRNLKYL PFVPSRMKYV YFQNNQIAAI QEGVFDNATG
LLWIALHGNQ ITSDKIGRKV FSKLRHLERL YLDHNNLTRM PGPLPRSLRE LLDHNLQISR
VPNNALEGLE NLTALYLHHN EIQEVGSSMR GLRSLILLDL SYNHLRRVPD GLPSALEQLY
LEHNNVYTVP DSYFRGSPKL LYVRLSHNSL TNNGLATNTF NSSSLELDL SYNQLQKIPP
VNTNLENLYL QGNRINEFSI SSFCTVVDVM NFSKLQVLR L DGNEIKRSAM PVDAPLCLRL
ASLIEI