

RPQ943Bo01 100µg

Recombinant Peptidase Inhibitor 16 (PI16)

Organism Species: Bos taurus; Bovine (Cattle)

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: Leu28~Pro442

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

Accession: Q58D34

Host: *E. coli*

Subcellular Location: Membrane; Single-pass
type I membrane protein.

Purity: >90%

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

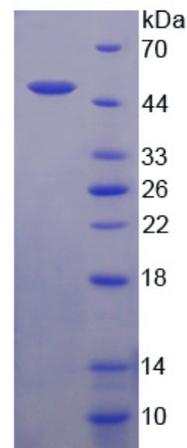
Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.8

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

[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.

LSE EEKHVMVELH NLYRTQVSPP ATNMLQMRWD EELAAFAKAY AQQCVWGHNK
ERGRRGENLF AITGEGLDVP LAMEEWHHER EHYNLSAISC AAGQMC GHYT QVWAKTERI
GCGSHFCEKL QGVEETNIHL LVCNYEPPGN VKGQRPYQEG TPCSQCPLGY HCKNSLCEPI
RGPEEAQDLS SLVPEAPSSL ATEASSSRRE GIDSSLATEP PPFLVTEVSG SLATKVLSSV
ETKAPSSLVT EDSPSMATKT PLSLATAKVPS VLATHSLLSL DKRPATLLPK STHDPIPKSA
DKEASSTRMP SRIPESLHP KISLMGTREP LPLSQEEGEA EAELAHCSEI LASVFPAQEK
PGELQTTLKH KGHSSSKSLS NSPSASATAN AVGGRTLALQ SSLPDAEGPG KHGFRSGSNA
SP