YB90022Mu01

Protein C Receptor, Endothelial (PROCR)
Organism: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

5th Edition (Revised in January, 2013)

[DESCRIPTION]

Protein Names: Protein C Receptor, Endothelial

Synonyms: PROCR, Epcr

Species: Mouse

Size: 100μg

Source: *Escherichia* coli-derived

Subcellular Location: Membrane; Single-pass type I

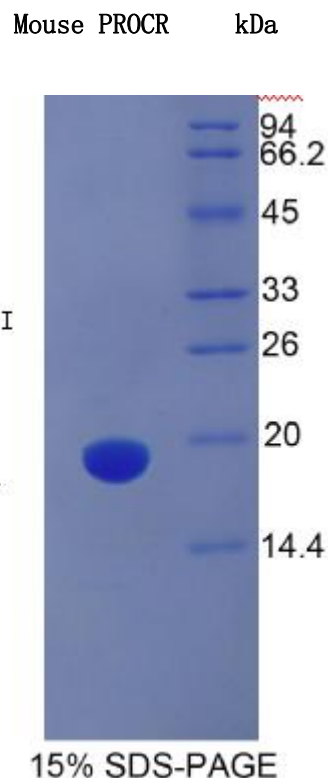membrane protein.

[PROPERTIES]

Residues: Ile32~Phe167 (Accession # Q64695), with

N-terminal His-Tag.

Grade & Purity: >95%, 19kDa as determined by

SDS-PAGE reducing conditions.

Formulation: Supplied as lyophilized form in

PBS, pH 7.4, containing 5% sucrose.

Endotoxin Level: <1.0 EU per 1μg (determined

by the LAL method).

Mouse PROCR   kDa

94
66.2
45
33
26
20
14.4

15% SDS-PAGE

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

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

Predicted Molecular Mass: 16.9kDa

Predicted isoelectric point: 5.6

[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 His-Tag, its sequence is listed below.

MGHHHHHHSGSEF-ISYFQDNHH VRHQGNASLG KLLTHTLEGP SQNVTILQLQ
PWQDPESWER TESGLQIYLT QFESLVKLVY RERKENVFFP LTVSCSLGCE LPEEEEGSE
PHVFFDVAVN GSAFVSFRPK TAVWVSGSQE PSKAANF