

RPF182Mu01 50µg

Recombinant 17-Beta-Hydroxysteroid Dehydrogenase Type 12 (HSD17b12)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Asn312

Tags: N-terminal His and GST Tag

Subcellular Location: Endoplasmic reticulum lumen

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 80µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 9.0

Predicted Molecular Mass: 64.7kDa

Accurate Molecular Mass: 64kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

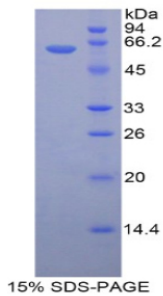
Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

MECAPPAAGF LYWVGASTIA YLALRASYSL FRAFQVWCVG NEALVGPRLG
EWAVVTGGTD GIGKAYAEEL AKRGMKIVLI SRSQDKLNQV SNNIKEKFNV
ETRTIAVDFS LDDIYDKIKT GLSGLEIGVL VNNVGMSY EY PEYFLEIPDL
DNTIKKLINI NVLSVCKVTR LVLPGMVERS KGVILNISSA SGMLPVPLLT
IYSATKAFVD FFSQCLHEEY KSKGIFVQSV MPYLVATKLA KIQKPTLDKP
SAETFVKSAI KTVGLQTRTT GYVIHSLMGS INSIMPRWY FKIIMGFSKS
LRNRYLKKRK KN

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.