

RPF172Hu01 100ug

Recombinant 17-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD17b2)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Glu104~Thr387

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 200µg/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: 9.2

Predicted Molecular Mass: 35.2kDa

Accurate Molecular Mass: 38kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

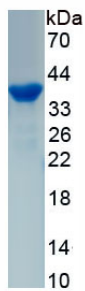
Aliquot and store at -80°C for 12 months.

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]

MDPLGDTLRR LREAFHAGRT RPAEFRAAQL QGLGRFLQEN KQLLHDALAQ
DLHKSAFES EVSEVAISQG EVTLALRNLR AWMKDERVPK NLATQLDSAF I
RKEPFGLV LIIAPWNYPL NLTLPVPLVGA LAAGNCVVLK PSEISKNVEK IL
AEVLPQY VDQSCFAVVL GGPQETGQLL EHRFDYIFFT GSPRVGKIVM TAA
AKHLTP VTLELGGKNP CYVDDNCDPQ TVANRVAWFR YFNAGQTCVA PDYV
LCSPE MQRLLPALQ STITRFYGDD PQSSPNLGRI INQKQFQRLR ALLGC
GRVA IGGQSDSDR YIAPTVLVDV QEMEPVMQEE IFGPILPIVN VQSLDE
AIE FINRREKPLA LYAFSNSSQV VKRVLTQTSS GGFCGNDGFM HMTLASL
PF GGVGASGMGR YHGKFSFDTF SHHRACLLRS PGMEKLNALR YPPQSPRR
L RMLLVAME

[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.