



RPU52893 Rat 5µg
Recombinant 11-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD11b2)
Organism Species: *Rattus norvegicus* (Rat)
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: Leu58~Pro393

Tags: N-terminal His Tag

Subcellular Location: Endoplasmic reticulum lumen

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

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: 40.5kDa

Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

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LVV LAGAGWIALS RLARPPRLPV ATRAVLITGC DTGFGKETAK
KLDAMGFTVL ATVLDLNGPG ALELRARCSP RLKLLQMDLT KPEDISRVLE
ITKAHTASTG LWGLVNNAGL NMVVADVVELS PVVTFRECME VNFFGALELT
KGLLPLLRHS RGRIVTVGSP AGDMPYPCLA AYGTSKAAIA LLMDTFSCCL
LPWGIKVSII QPGCFKTEAV TNVNLWEKRK QLLLANLPRE LLQAYGEDYI
EHLHGQFLNS LRMALPDLSP VVDAIIDALL AAQPRSRYYT GRGLGLMYFI
HHYLPGGLRR RFLQNFFISH LLPRALRPGQ PGPVHDTTQD PNP
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[IDENTIFICATION]

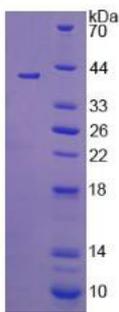


Figure. SDS-PAGE

[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.