

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

SIPF212Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Endoplasmic reticulum lumen
Predicted Molecular Mass	64.7kDa
Accurate Molecular Mass	64kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Asn312 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	9.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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

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

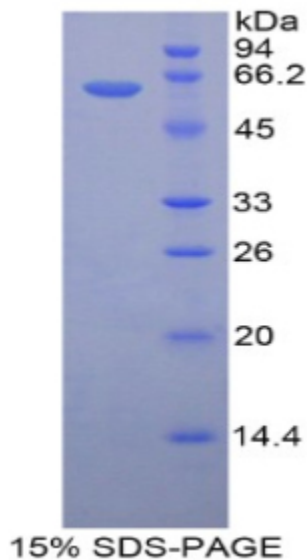
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.