

11-Beta-Hydroxysteroid Dehydrogenase Type 1 Recombinant Protein | HSD11b1 recombinant protein

Recombinant 11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11b1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA150246	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

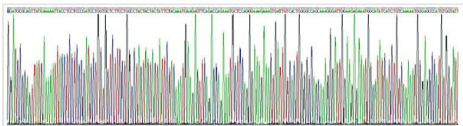
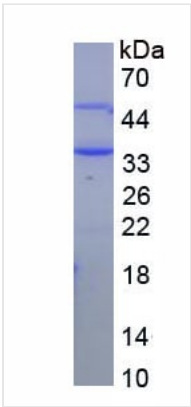
PRODUCT SYNONYMS

11-Beta-Hydroxysteroid Dehydrogenase Type 1; Recombinant 11-Beta-Hydroxysteroid Dehydrogenase Type 1 (HSD11b1); 11DH; 11-beta-HSD1; HDL; HSD11; HSD11B; HSD11L; SDR26C1; Corticosteroid 11-beta-dehydrogenase isozyme 1; Short Chain Dehydrogenase/Reductase Family 26C; Member 1; HSD11b1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for HSD11b1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala2~Asn292
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Usage	Reconstitute in ddH2O to a concentration of 0-0.1 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C. Aliquot and store at -80°C. 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.

IMAGES



Gene Sequence
Gene Sequencing (extract

SDS-PAGE

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AVMKNYLLP ILVFLAYYY YSTNEEFRPE MLQKKVIVT GASKGIGREM
AYHLSKMGAH VVLTARSEEG LQKVVSRCLE LGAASAHYIA GTMEDMTFAE
QFIVKAGKLM GGLDMLILNH ITQTSLSLFH DDHHSVRRVM EVNFLSYVVM
STAALPMLKQ SNGSIAVISS LAGKMTQPMI APYSASKFAL DGFFSTIRTE
LYITKVNYSI TLCVLGLIDT ETAMKEISGI INAQASPKEE CALEIIKGTA
LRKSEVYYDK SPLTPILLGN PGRKIMEFFS LRYYNKDMFV SN
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for HSD11b1 recombinant protein	Enzyme & Kinase; Metabolic pathway; Endocrinology; Cardiovascular biology; Neuro science; Hepatology; Hormone metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15146338
NCBI GeneID	3290
Molecular Weight	Predicted Molecular Mass: 36.0kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	11-beta hydroxysteroid dehydrogenase type 1
NCBI Official Synonym Full Names	hydroxysteroid 11-beta dehydrogenase 1
NCBI Official Symbol	HSD11B1
NCBI Official Synonym Symbols	HDL; 11-DH; HSD11; HSD11B; HSD11L; CORTRD2; SDR26C1; 11-beta-HSD1
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.