

11-Beta-Hydroxysteroid Dehydrogenase Type 2 Recombinant Protein | HSD11b2 recombinant protein

Recombinant 11-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD11b2)

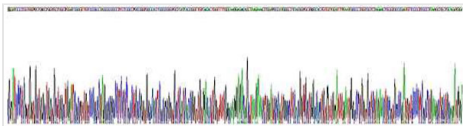
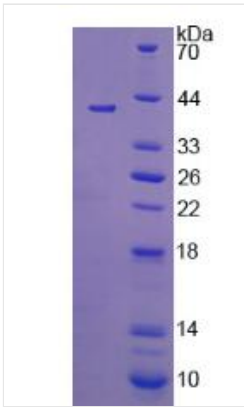
CATALOG # AAA20990	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

11-Beta-Hydroxysteroid Dehydrogenase Type 2; Recombinant 11-Beta-Hydroxysteroid Dehydrogenase Type 2 (HSD11b2); HSD11b2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Applicable Applications for HSD11b2 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Leu58~Pro393
Tags	N-terminal His Tag
Subcellular Location	Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	9.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



Identification
Gene Sequencing (extract)

SDS-PAGE

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LVV LAGAGWIALS RLARPPRLPV ATRAVLITGC DTGFGKETAK
KLDAMGFTVL ATVLDLNGPG ALELRARCSP RLKLLQMDLT KPEDISRVLE
ITKAHTASTG LWGLVNNAGL NMVVADVELS PVVTFRECME VNFFGALELT
KGLLPLLRHS RGRIVTVGSP AGDMPYPCLA AYGTSKAAIA LLMDTFSECL
LPWGIKVSII QPGCFKTEAV THVNLWEKRR QLLLANLPRE LLQAYGEDYI
EHLHGQFLNS LRMALPDLSV VVDAIIDALL AAQPRSRYYT GRGLGLMYFI
HHYLPGGLRR RFLQNFFISH LLPRALRPGQ PGPVHDTTQD PNP
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	1173512
NCBI GeneID	3291
Molecular Weight	Predicted Molecular Mass: 40.5kDa Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	11-beta-hydroxysteroid dehydrogenase type 2
NCBI Official Synonym Full Names	hydroxysteroid (11-beta) dehydrogenase 2
NCBI Official Symbol	HSD11B2
NCBI Official Synonym Symbols	AME; AME1; HSD2; HSD11K; SDR9C3
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 2
UniProt Gene Name	HSD11B2
UniProt Synonym Gene Names	; 11-DH2; 11-beta-HSD2; 11-HSD type II; 11-beta-HSD type II; 11-beta-HSD
UniProt Entry Name	DHI2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hsd11b2-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20990>