

Recombinant Human HSD11B2 Protein (1-405 aa), His-tagged

Cat. No. HSD11B2-1416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD11B2 Protein (1-405 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-405 aa
Description	Catalyzes the conversion of cortisol to the inactive metabolite cortisone. Modulates intracellular glucocorticoid levels, thus protecting the nonselective mineralocorticoid receptor from occupation by glucocorticoids.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	46.1 kDa
AA Sequence	MERWPWPSGGAWLLVAARALLQLLRSDLRLGRPLLAALALLAALDWLCQRLPPPA ALAVLAAAGWIALSRLARPQRLPVATRAVLITGCDSGFGKETAKKLDSMGFTVLATVL ELNSPGAIELRTCCSPRLRLQMDLTKPGDISRVLEFTKAHTTSTGLWGLVNNAGHN EVDADAELSPVATFRSCMEVNFFGALELTKGLLPLLRSSRGRIVTVGSPAGDMPYPC LGAYGTSKAAVALLMDTFSCCELLPWGVKVSIIQPGCFKTESVRNVGQWEKQKQLLLA NLPQELLQAYGKDYIEHLHGQFLHSLRLAMSDLTPVDAITDALLAARPRRRYYPGQ GLGLMYFIHYLLPEGLRRRFLQAFFISHCLPRALQPGQPGTTPPDAAQDPNLSPGP

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	SPAVAR
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	HSD11B2 hydroxysteroid (11-beta) dehydrogenase 2 [Homo sapiens]
Official Symbol	HSD11B2
Synonyms	HSD11B2; SDR9C3; member 3; 11-DH2; 11-beta-HSD2; AME; AME1; HSD2; HSD11K;
Gene ID	3291
mRNA Refseq	NM_000196
Protein Refseq	NP_000187
MIM	614232

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UniProt ID

P80365

116 kD
66.2kD
45 kD
35 kD
25 kD
18 kD
14.4kD



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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