Recombinant Full Length Human Corticosteroid 11-Beta-Dehydrogenase Isozyme 1(Hsd11B1) Protein, His-Tagged

Cat. No. RFL23495HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Corticosteroid 11-beta-dehydrogenase isozyme 1(HSD11B1) Protein (P28845) (2-292aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-292)
Form	Lyophilized powder
AA Sequence	AFMKKYLLPILGLFMAYYYYSANEEFRPEMLQGKKVIVTGASKGIGREMAYHLAKMG AHVVVTARSKETLQKVVSHCLELGAASAHYIAGTMEDMTFAEQFVAQAGKLMGGLD MLILNHITNTSLNLFHDDIHHVRKSMEVNFLSYVVLTVAALPMLKQSNGSIVVVSSLAG KVAYPMVAAYSASKFALDGFFSSIRKEYSVSRVNVSITLCVLGLIDTETAMKAVSGIV HMQAAPKEECALEIIKGGALRQEEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDRFI NK
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	HSD11B1
Synonyms	11 beta HSD 1; 11 beta HSD1 ; 11 beta hydroxysteroid dehydrogenase 1; 11 DH ; 11-beta hydroxysteroid dehydrogenase; type 1; 11-beta-HSD1; 11-beta-hydroxysteroid dehydrogenase 1; 11-DH; 11DH ; Corticosteroid 11 beta dehydrogenase isozyme 1; Corticosteroid
UniProt ID	P28845

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