

Product Data Sheet

Recombinant Human HSD11B1 Protein

Catalog #	Source	Reactivity	Applications
CST1897	E. coli	H	
Description	Recombinant Human HSD11B1 Protein is produced by E. coli expression system and the target gene encoding Ala51-Ala250 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	HSD11B1		
Alternative Names	HSD11; HSD11L; Corticosteroid 11-beta-dehydrogenase isozyme 1; 11-beta-hydroxysteroid dehydrogenase 1; 11-DH; 11-beta-HSD1		
Entrez Gene	3290		
SwissProt	P28845		
Purity			
Chemical Structure	AYHLAKMGAH VVVTARSKET LQKVVSHCLE LGAASAHYIA GTMEDMTFAE QFVAQAGKLM GGLDMLILNH ITNTSLNLFH DDIHHVRKSM EVNFLSYVVL TVAALPMLKQ SNGSIVVVSS LAGKVAYPMV AAYSASKFAL DGFFSSIRKE YSVSRVNVSI TLCVLGLIDT ETAMKAVSGI VHMQAAPKEE CALEIIKGGA		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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