Recombinant Human HSD11B1 Protein, His-tagged

Cat. No. HSD11B1-13951H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD11B1 Protein (1-292 aa) is produced by E. coli-derived expression system. This protein is fused with a His tag at the N-terminal.
Species	Human
Source	E.coli
ProteinLength	1-292 aa
Form	The purified protein was Lyophilized from sterile PBS (58 mM Na2HPO4,17 mM NaH2PO4, 68 mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
Molecular Mass	32 kDa
AA Sequence	MAFMKKYLLPILGLFMAYYYYSANEEFRPEMLQGKKVIVTGASKGIGREMAYHLAKM GAHVVVTARSKETLQKVVSHCLELGAASAHYIAGTMEDMTFAEQFVAQAGKLMGGL DMLILNHITNTSLNLFHDDIHHVRKSMEVNFLSYVVLTVAALPMLKQSNGSIVVVSSLA GKVAYPMVAAYSASKFALDGFFSSIRKEYSVSRVNVSITLCVLGLIDTETAMKAVSGI VHMQAAPKEECALEIIKGGALRQEEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDR FINK
Purity	> 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20 centigrade to -80 centigrade as lyophilized powder.

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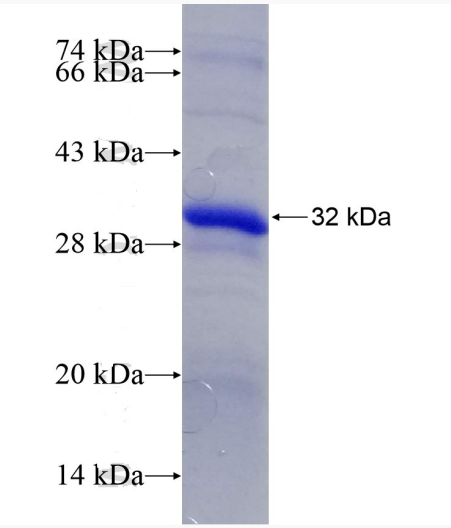
Storage	Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 centigrade to -80 centigrade for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

GENE INFORMATION

Gene Name	HSD11B1 hydroxysteroid (11-beta) dehydrogenase 1 [Homo sapiens]
Official Symbol	HSD11B1
Synonyms	HSD11B1; SDR26C1; HDL; 11-DH; HSD11; HSD11B; HSD11L; 11-beta-HSD1; MGC13539;
Gene ID	3290
mRNA Refseq	NM_001206741
Protein Refseq	NP_001193670

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MIM	600713



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