

Recombinant Human HSD11B1 protein, His-SUMO-tagged

Cat. No. HSD11B1-3054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSD11B1 protein(P28845)(25-292aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-292aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45.5 kDa
AA Sequence	EEFRPEMLQGKKVIVTGASKGIGREMAHYHLAKMGAHVVTARSKETLQKVVSHCLE LGAASAHYIAGTMEDMTFAEQFVAQAGKLMGGDLMLILNHITNTSLNLFHDDIHHVR KSMEVNFLSYVLTVAALPMLKQSNQSIVVSSLAGKVAYPMVAAYSASKFALDGGFF SSIRKEYSVSRVNVISITLCVLGLIDTETAMKAVSGIVHMQAAPKEECALEIIKGGALRQ EEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDRFINK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

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°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [HSD11B1 hydroxysteroid \(11-beta\) dehydrogenase 1 \[Homo sapiens \]](#)

Official Symbol [HSD11B1](#)

Synonyms

HSD11B1; hydroxysteroid (11-beta) dehydrogenase 1; HSD11, HSD11B; corticosteroid 11-beta-dehydrogenase isozyme 1; SDR26C1; short chain dehydrogenase/reductase family 26C; member 1; short chain dehydrogenase/reductase family 26C, member 1; HDL; 11-DH; HSD11; HSD11B; HSD11L; 11-beta-HSD1; MGC13539;

Gene ID [3290](#)

mRNA Refseq [NM_001206741](#)

Protein Refseq [NP_001193670](#)

MIM [600713](#)

UniProt ID [P28845](#)

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