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	EEFRPEMLQGKKVIVTGASKGIGREMAYHLAKMGAHVVVTARSKETLQKVVSHCLE LGAASAHYIAGTMEDMTFAEQFVAQAGKLMGGLDMLILNHITNTSLNLFHDDIHHVR KSMEVNFLSYVVLTVAALPMLKQSNGSIVVVSSLAGKVAYPMVAAYSASKFALDGFF SSIRKEYSVSRVNVSITLCVLGLIDTETAMKAVSGIVHMQAAPKEECALEIIKGGALRQ 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA