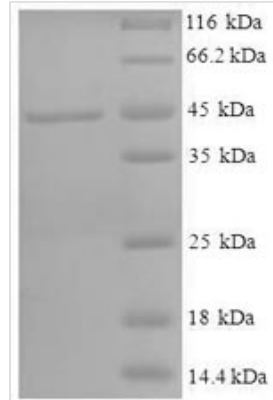




Recombinant Human Corticosteroid 11-beta-dehydrogenase isozyme 1(HSD11B1)

Product Code	CSB-EP010763HU
Relevance	Catalyzes reversibly the conversion of cortisol to the inactive metabolite cortisone. Catalyzes reversibly the conversion of 7-ketocholesterol to 7-beta-hydroxycholesterol. In intact cells, the reaction runs only in one direction, from 7-ketocholesterol to 7-beta-hydroxycholesterol .
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P28845
Storage Buffer	Tris-based buffer,50% glycerol
Alias	11-beta-hydroxysteroid dehydrogenase 1 ;11-DH ;11-beta-HSD1Short chain dehydrogenase/reductase family 26C member 1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	EEFRPEMLQGKKVIVTGASKGIGREMAHYHLAKMGAHVVVTARSKETLQKVVS HCLELGAASAHYIAGTMEDMTFAEQFVAQAGKLMGGLDMLLNHITNTSLNLFH DDIHHVRKSMEVNFLSYVVLTVAAALPMLKQSNQSVVVSSLAGKVAYPMVAAY SASKFALDGGFSSIRKEYSVSRVNVSITLCVLGLIDTETAMKAVSGIVHMQAAPK EECALEIIKGGALRQEEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDRFINK
Source	E.coli
Gene Names	HSD11B1
Expression Region	25-292aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	45.5kDa
Protein Description	partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.