

32-2454: HSD17B1 Recombinant Protein

Alternative Name : Estradiol 17-beta-dehydrogenase 1, EC 1.1.1.62, 17-beta-hydroxysteroid dehydrogenase type 1, 17-beta-HSD 1, 20-alpha-hydroxysteroid dehydrogenase, 20-alpha-HSD, E2DH, Placental 17-beta-hydroxysteroid dehydrogenase, HSD17B1, E17KSR, EDH17B1, EDH17B2,

Description

Source : Escherichia Coli. HSD17B1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (1-328 a.a) and having a molecular mass of 37.5kDa. HSD17B1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Estradiol 17-beta-dehydrogenase 1 (HSD17B1) is a member of the short-chain dehydrogenases/reductases (SDR) family. The HSD17B1 protein advances the reduction of estrogens and androgens. In addition, the HSD17B1 has a 20-alpha-HSD activity. HSD17B1 preferentially uses NADH.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : HSD17B1 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSHMARTVV LITGCSSGIG LHLAVRLASD PSQSFKVYAT LRD LKTQGR L WEAARALACP PGSLETLQLD VRDSKSVAAA RERVTEGRVD VLVCNAGLGL LGPLEALGED AVASVLDVNV VGTVRMLQAF LPDMKRRGSG RVLVTGVS VGG LMGLPFNDVY CASKFALEGL CESLAVLLLP FGVHLSLIEC GPVHTAFMEK VLGSPEEVLDTDIHTFHRF YQYLAHASKQV FREAAQNPEE VAEVFLTALR APKPTLRYFT TERFLPLLRM RLDDPSGSNY VTAMHREVFV DVPKAEAGA EAGGGAGPGA EDEAGRGAVG DPELGDPPAA PQ.

