## 32-2456: HSD17B14 Recombinant Protein

**Alternative Name :**   17-beta-hydroxysteroid dehydrogenase 14,17-beta-HSD 14,17-beta-hydroxysteroid dehydrogenase DHRS10,Dehydrogenase/reductase SDR family member 10,Retinal short-chain dehydrogenase/reductase retSDR3,HSD17B14,DHRS10,SDR3,SDR47C1,retSDR3.

## Description

Source : Escherichia Coli. HSD17B14 Human Recombinant fused with a 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 306 amino acids (1-270 a.a.) and having a molecular mass of 32.4kDa. The HSD17B14 is purified by proprietary chromatographic techniques. 17-beta-hydroxysteroid dehydrogenase 14 (HSD17B14) is a member of the 17-beta-HSD family of proteins, which regulate the availability of steroids within various tissues throughout the body. 17-beta-hydroxysteroid dehydrogenases (HSD17B14) are mainly involved in metabolism of steroids at the C17 position and also of other substrates, such as fatty acids, prostaglandins, and xenobiotics. HSD17B14 exists as a homotetramer that localizes to the cytoplasm and is highly expressed in the brain, placenta, liver and kidney.

## Product Info

| | |
|---|---|
| **Amount :** | 20 µg |
| **Purification :** | Greater than 95.0% as determined by SDS-PAGE. |
| **Content :** | The HSD17B14 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl 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 :** | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMATG TRYAGKVVVV TGGGRGIGAG IVRAFVNSGA RVVICDKDES GGRALEQELP GAVFILCDVT QEDDVKTLVS ETIRRFGRLD CVVNNAGHHP PPQRPEETSA QGFRQLLELN LLGTYTLTKL ALPYLRKSQG NVINISSLVG AIGQAQAVPY VATKGAVTAM TKALALDESP YGVRVNCISP GNIWTPLWEE LAALMPDPRA TIREGMLAQP LGRMGQPAEV GAAAVFLASE ANFCTGIELL VTGGAELGYG CKASRSTPVD APDIPS. |