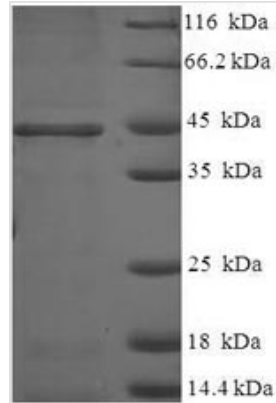




Recombinant Human 17-beta-hydroxysteroid dehydrogenase 14 (HSD17B14)

Product Code	CSB-EP859026HU
Relevance	Has NAD-dependent 17-beta-hydroxysteroid dehydrogenase activity. Converts oestradiol to oestrone. The physiological substrate is not known. Acts on oestradiol and 5-androstene-3-beta,17-beta-diol (in vitro).
Abbreviation	Recombinant Human HSD17B14 protein
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.	Q9BPX1
Alias	17-beta-hydroxysteroid dehydrogenase DHRS10Dehydrogenase/reductase SDR family member 10Retinal short-chain dehydrogenase/reductase retSDR3Short chain dehydrogenase/reductase family 47C member 1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MATGTRYAGKVVVVVTGGGRGIGAGIVRAFNVS GARVVICDKDES GGRALEQE LPGAVFILCDVTQEDDVKTLVSETIRRFGR LDCVVNNAGHHPPPQRPEETSAQ GFRQLLEL NLLGTYTLTKLALPYLRKSQGNVINIS SLVGAIGQAQAVPYVATKGA VTAMTKALALDESPYGV RVNVCISPGNIWTP LWEELAALMPDPRATIREGMLAQ PLGRMGQPAEVGAAAVFLASEANFCTGI ELLVTGGAELGYGCKASRSTPVDA PDIPS
Research Area	Metabolism
Source	E.coli
Target Names	HSD17B14
Expression Region	1-270aa
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	44.3kDa
Protein Length	Full Length
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.