

HSD17B10 Human

Description: HSD17B10 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 271 amino acids (12-261 a.a.) and having a molecular mass of 28.1 kDa. HSD17B10 protein is fused to a 21 amino acid His-Tag at N-terminus and purified by standard chromatography.

Catalog #: PRPS-830

For research use only.

Synonyms: 17b-HSD10, ABAD, CAMR, DUPXp11.22, ERAB, HADH2, HCD2, MHBD, MRPP2, MRX17, MRX31, SCHAD, MRXS10, SDR5C1.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MVAITGGAS GLGLATAERL
VGQGASAVLL DLPNSGGEAQ AKKLGNNCVF APADVTSEKD VQTALALAKG KFGKRDVAVN
CAGIAVASKT YNLKKGQTHL LEDFQRVLDV NLMTGFNVIR LVAGEMGQNE PDQGGQRGVI
INTASVAAFE QVVGQAAYSA SKGGIVGMTL PIARDLAPIG IRVMTIAPGL FGTPLLTSLP
EKVCNFLASQ VP

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:

HSD17B10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT & 10% glycerol.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

HSD17B10 functions in mitochondrial tRNA maturation. HSD17B10 is part of mitochondrial ribonuclease P, an enzyme composed of MRPP1/RG9MTD1, MRPP2/HSD17B10 and MRPP3/KIAA0391, which cleaves tRNA molecules in their 5'-ends. HSD17B10 interacts with intracellular amyloid-beta, and contributes to the neuronal dysfunction associated with Alzheimer disease.

To place an order, please [Click HERE](#).