

32-3998: HSD17B10 Recombinant Protein

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

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount : 25 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : HSD17B10 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT & 10% glycerol.
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 SSGLVPRGSH MVAVITGGAS GLGLATAERL VGQGASAVLL DLPNSGGGEAQ
AKKLGNNCVF APADVTSEKD VQTALALAKG KFGKRVDAVN CAGIYVASKT YNLKKGQTHL LEDFQRLDV
NLMGTFNVIR LVAGEMGQNE PDQGGQRGVI INTASVAAFE GQVGQAAYSA SKGGIVGMTL PIARDLPIG
IRVMTIAPGL FGTPLLTSLP EKVCNFLASQ VPFPSRLGDP AEYAHVLQAI IENPFLNGEV IRLDGAIRMQ P.

