

32-3150: ACBD6 Recombinant Protein

Alternative Name : Acyl-CoA Binding Domain Containing 6, Acyl-Coenzyme A Binding Domain Containing 6, Acyl-CoA-Binding Domain-Containing Protein 6, ACBD6.

Description

Source : Escherichia Coli. ACBD6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 305 amino acids (1-282aa) and having a molecular mass of 33.5kDa. ACBD6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Acyl-CoA binding domain containing 6, also known as ACBD6 contains 1 ACB (acyl-CoA-binding) domain and 2 ANK repeats. ACBD6 binds long-chain acyl-coenzyme A molecules with a strong preference for unsaturated C18:1 CoA, lower affinity for unsaturated C20:4-CoA, and extremely weak affinity for saturated C16:0-CoA. Moreover ACBD6 does not bind fatty acids. ACBD6 has been detected in placenta, umbilical cord blood, CD34-positive hematopoietic progenitor cells and bone marrow. Endotheliitis has been associated with ACBD6.

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : ACBD6 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% 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). Please avoid freeze thaw cycles.
Amino Acid : MGSSHHHHH SSGLVPRGSH MGSMASFLP AGAITGDSGG ELSSGDDSGE VEFPHSPEIE
ETSCLAELFE KAAHLQGLI QVASREQLLY LYARYKQVKV GNCNTPKPSF FDFEGKQKWE
AWKALGDSSP SQAMQEYIAV VKKLDPGWNP QIPEKKGKEA NTGFGGPVIS SLYHEETIRE
EDKNIFYCR ENNIDHITKA IKSKNVDVNV KDEEGRALLH WACDRGHKEL VTVLLQHRAD
INCQDNEGQT ALHYASACEF LDIVELLQSQ GADPTLRDQD GCLPEEVTGC KTVSLVLQRH
TTGKA.

