
Product Data Sheet

Product Name: ACBD6 Human
 Cat. No.: GP22671
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Acyl-CoA Binding Domain Containing 6; Acyl-Coenzyme A Binding Domain Containing 6; Acyl-CoA-Binding Domain-Containing Protein 6; ACBD6.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMASFLP AGAITGDSGG ELSSGDDSGE VEFPHSPEIE ETSCLAELFE KAAAHLQGLI QVASREQLLY LYARYKQVKV GNCNTPKPSF FDFEGKQKWE AWKALGDSSP SQAMQEYIAV VKKLDPGWNP QIPEKKGKEA NTGFGGPVIS SLYHEETIRE EDKNIFYCR ENNIDHITKA IKSKNVDVNV KDEEGRALLH WACDRGHKEL VTVLLQHRAD INCQDNEGQT ALHYASACEF LDIVELLQS GADPTLRDQD GCLPEEVTGC KTVSLVLQRH TTGKA.		
Formulation	ACBD6 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

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.

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). Please avoid freeze thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA