

Recombinant Human ACBD5 Protein (1-461 aa), His-SUMO-tagged

Cat. No. ACBD5-1033H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACBD5 Protein (1-461 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-461 aa
Description	Acyl-CoA binding protein which acts as the peroxisome receptor for pexophagy but is dispensable for aggrephagy and nonselective autophagy. Binds medium- and long-chain acyl-CoA esters.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	67.5 kDa
AA Sequence	MFQFHAGSWESWCCCLIPADRPWDRGQHWQLEMADTRSVHETRFEAAVKVIQS LPKNGSFQPTNEMMLKFYSFYKQATEGPCKLSRPGFWDPIGRYKWDWSSLGDMT KEEAMIAIVEEMKKIETMPMTEKVEELLRVIGPFYEIVEDKKSGRSSDITSVRLEKISK CLEDLGNVLTSTPNAKTVNGKAESSDSGAEESEEEEAQEEVKGAEQSDNDKKMMKK SADHKNLEVIVTNGYDKDGFVQDIQNDIHASSSLNGRSTEEVKPIDENLGQTGKSAV CIHQDINDDHVEDVTGIQHLTSDSDSEVYCDSMEQFGQEESLDSFTSNNGPFQYYL

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	GGHSSQPMENSGFREDIQVPPGNGNIGNMQVWAVEGKGEVKHGGEDGRNNSGAP HREKRGGETDEFSNVRRGRGRHMQHLSEGTKGRQVGSGGDGERWGS DRGSRG SLNEQIALVLMRLQEDMQ
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

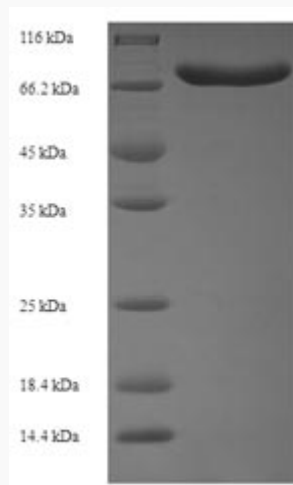
GENE INFORMATION

Gene Name	ACBD5 acyl-CoA binding domain containing 5 [Homo sapiens]
Official Symbol	ACBD5
Synonyms	ACBD5; DKFZp434A2417; KIAA1996;
Gene ID	91452
mRNA Refseq	NM_001042473
Protein Refseq	NP_001035938
UniProt ID	Q5T8D3

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

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