ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Fatty Acid Binding Protein 4 Human

Item Number	rAP-3274
Synonyms	Fatty acid-binding protein adipocyte, AFABP, Fatty acid-binding protein 4, Adipocyte lipid-binding protein, ALBP, A-FABP, FABP4.
Description	The Human FABP4 produced from Human Adipose Tissue has a molecular mass of 14.587kDa (calculated without glycosylation) containing 131 amino acid residues.
Uniprot Accesion Number	P15090
Amino Acid Sequence	CDAFVGTWKL VSSENFDDYM KEVGVGFATR KVAGMAKPNM IISVNGDVIT IKSESTFKNT EISFILGQEF DEVTADDRKV KSTITLDGGV LVHVQKWDGK STTIKRKRED DKLVVECVMK GVTSTRVYER A.
Source	Human Adipose Tissue.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	FABP4 protein filtered (0.4μm) and lyophilized in 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 6.5. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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