

Fatty Acid Binding Protein-2 Human Recombinant

Item Number	rAP-3275
Synonyms	Fatty acid-binding protein 2, IFABP, I-FABP, FABPI, FABP-2, Fatty acid-binding protein intestinal, FABP2, MGC133132.
Description	FABP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 131 amino acids and having a molecular mass of 15.1kDa. The FABP2 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P12104
Amino Acid Sequence	AFDSTWKVDR SENYDKFMEK MGVNIVKRKL AAHDNLKLT I TQEGNKFTVK ESSAFRNIEV VFELGVTFNY NLADGTELRG TWSLEGNKLI GKFKRTDNGN ELNTVREIIG DELVQTYVYE GVEAKRIFKK D.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized FABP2 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FABP2 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	FABP2 was lyophilized from a 0.2µm filtered concentrated solution in 1xPBS, pH7.4. Greater than 97.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Interleukin FABP2 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
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**