Product Name: Recombinant Human FABP5 (N-6His)
Catalog #: PEH0618

Summary

Name	FABP5/E-FABP
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Fatty Acid-Binding Protein 5 is produced by our E.coli expression system and the target gene encoding Ala2-Glu135 is expressed with a 6His tag at the N-terminus.
Accession #	Q01469
Host	E.coli
Species	Human
Predicted Molecular Mass	17.33 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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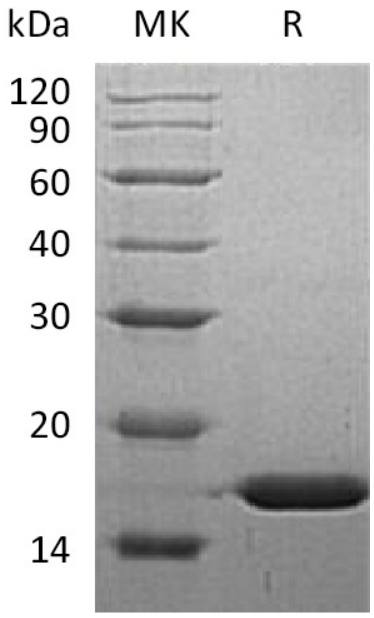

Alternative Names

Fatty Acid-Binding Protein Epidermal; Epidermal-Type Fatty Acid-Binding Protein; E-FABP; Fatty Acid-Binding Protein 5; Psoriasis-Associated Fatty Acid-Binding Protein Homolog; PA-FABP; FABP5

Background

Fatty acid-binding protein 5 (FABP5) is a cytoplasm protein that belongs to the fatty-acid binding protein (FABP) family of calycin superfamily. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids. FABP5 can be expressed in keratinocytes, and is highly expressed in psoriatic skin. FABP5 has been shown to be involved in keratinocyte differentiation. FABP5 has high specificity for fatty acids, the highest affinity for C18 chain length. FABP5 can decrease the chain length or introduce double bonds to reduce the affinity.

Note

For Research Use Only , Not for Diagnostic Use.