

Product datasheet

Recombinant Human FABP5 protein ab179986

1 Image

Description

Product name	Recombinant Human FABP5 protein	
Purity	> 95 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	Q01469	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	ATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMA KPDCIITCDGKN LTIKTESTLKTTQFSCTLGEKFEETTADGRKTQTVCNFTDG ALVQHQEWD GKESTITRKLKDGKLVVECMNNVTCTRIYEKVE	
Predicted molecular weight	16 kDa including tags	
Amino acids	2 to 135	
Tags	His tag N-Terminus	
Additional sequence information	(AAH19385)	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab179986** in the following tested applications.

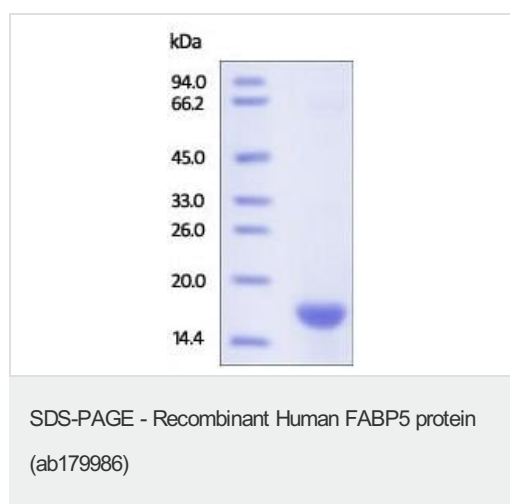
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized
Additional notes	This product was previously labelled as Fatty Acid Binding Protein 5

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at 4°C (stable for up to 12 months). Upon reconstitution add a carrier protein (0.1% BSA). Store at +4°C. Avoid freeze / thaw cycle. pH: 7.40 Constituents: 95% PBS, 5% Trehalose
Reconstitution	Reconstitute with sterile deionized water to a concentration of 400 µg/ml.
General Info	
Function	High specificity for fatty acids. Highest affinity for C18 chain length. Decreasing the chain length or introducing double bonds reduces the affinity. May be involved in keratinocyte differentiation.
Tissue specificity	Keratinocytes; highly expressed in psoriatic skin.
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
Cellular localization	Cytoplasm.

Images



SDS-PAGE analysis of ab179986 in reducing conditions. Gel stained overnight with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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