PRODUCT INFORMATION

Target	FABP5
Synonyms	EFABP; KFABP; E-FABP; PAFABP; PA-FABP
Description	Recombinant human FABP5 Protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q01469
Expression Host	HEK293
Tag	N-6×His tag
Molecular Characterization	6×His tag FABP5(Ala2-Glu135)
Molecular Weight	The protein has a predicted molecular mass of 15.9 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]
Usage	Research use only
Conjugate	Unconjugated

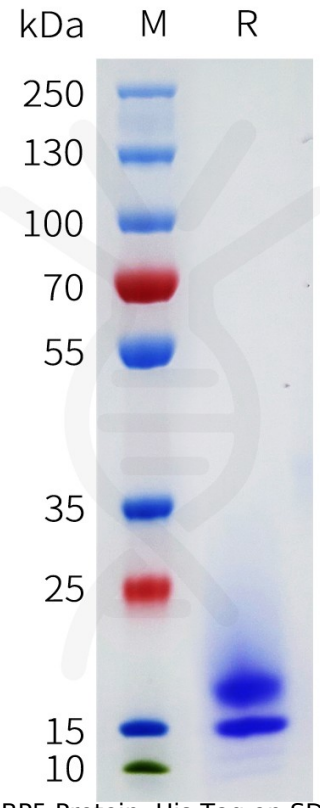

Figure 1. Human FABP5 Protein, His Tag on SDS-PAGE under reducing condition.