

Recombinant Human FABP5 Protein**Cat.NO.: TP07667**

3th Edition

Synonyms:E-FABP;EFABP;KFABP;PA-FABP;PAFABP

Description:Fatty acid-binding protein, also known as Epidermal-type fatty acid-binding protein, Fatty acid-binding protein 5, Psoriasis-associated fatty acid-binding protein homolog, E-FABP and FABP5, is a cytoplasm protein which belongs to the calycin superfamily and Fatty-acid binding protein (FABP) family. Fatty acid-binding proteins (FABPs) are postulated to serve as lipid shuttles that solubilize hydrophobic fatty acids and deliver them to appropriate intracellular sites. E-FABP / FABP5 is predominantly expressed in keratinocytes and is overexpressed in the actively proliferating tissue characteristic of psoriasis and wound healing. E-FABP / FABP5 exhibits an important role in binding free fatty acids, as well as regulating lipid metabolism and transport. E-FABP / FABP5 has high specificity for fatty acids. It has highest affinity for C18 chain length. Decreasing the chain length or introducing double bonds reduces the affinity of FABP5. E-FABP / FABP5 may be involved in keratinocyte differentiation.

Form:PBS**Molecular Weight:**15.2 kDa**Sequences:**Met 1-Glu 135**Purity:**> 95% by HPLC**Concentration:****Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.