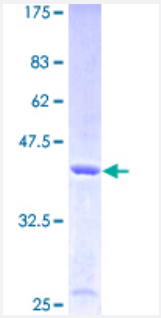
Full-Length

FABP5 (Human) Recombinant Protein (P01)

Catalog # H00002171-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FABP5 full-length ORF (AAH19385, 1 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTESTLKTTQFS CTLGEKFEETTADGRITQTVCNFTDGALVQHQEWDGKESTITRKLKDGKLVVECVMNNVTCTRIYE KVE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.59
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FABP5

Entrez GeneID	2171
GeneBank Accession#	BC019385
Protein Accession#	AAH19385
Gene Name	FABP5
Gene Alias	E-FABP, EFABP, PA-FABP, PAFABP
Gene Description	fatty acid binding protein 5 (psoriasis-associated)
Omim ID	605168
Gene Ontology	Hyperlink
Gene Summary	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 c onserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. The human genom e contains many pseudogenes similar to this locus. [provided by RefSeq
Other Designations	-

Pathway

- PPAR signaling pathway

Disease

- Autistic Disorder
- Bipolar Disorder
- Genetic Predisposition to Disease
- Schizophrenia