

## Recombinant Human FABP6 protein, GST-tagged

Cat. No. FABP6-12636H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FABP6 protein(1-128 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-128 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	MAFTGKFEMESEKKNYDEFMKLLGISSDVIEKAHNFKIVTEVQQDGGQDFTWSQHYYG GHTMTNKFTVKGESNIQTMGGKTFKATVQMEGGKLVVNFNPNYHQTSEIVGDKLVEV STIGGVTYERVSKRLA
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION****Gene Name**

FABP6 fatty acid binding protein 6, ileal [ Homo sapiens ]

**Official Symbol**

FABP6

**Synonyms**

FABP6; fatty acid binding protein 6, ileal; gastrotropin; I 15P; I BABP; I BALB; I BAP; ILBP; ILBP3; ileal bile acid binding protein; ILLBP; illeal lipid binding protein; GT; intestinal 15 kDa protein; ileal lipid-binding protein; illeal lipid-binding protein; I-15P; I-BAP; I-BABP; I-BALB;

**Gene ID**

2172

**mRNA Refseq**

NM\_001040442

**Protein Refseq**

NP\_001035532

**MIM**

600422

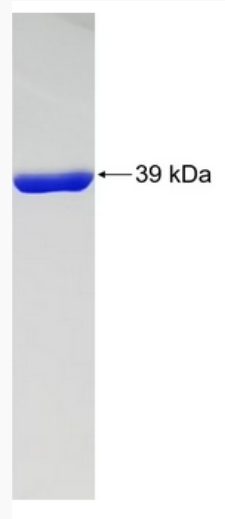
**UniProt ID**

P51161

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SDS-PAGE



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