



# Recombinant Human Gastrotropin (FABP6)

<b>Product Code</b>	CSB-EP007955HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P51161
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAFTGKFEMESEKNYDEFMKLLGISSDVIEKAHNFKIVTEVQQDGQDFTWSQH YYGGHTMTNKFTVVGKESNIQTMGGKTFKATVQMEGGKLVNFPNYHQTSEIV GDKLVEVSTIGGVTYERVSKRLA
<b>Source</b>	E.coli
<b>Target Names</b>	FABP6
<b>Protein Names</b>	Recommended name: Gastrotropin Short name= GTAlternative name(s): Fatty acid-binding protein 6 Ileal lipid-binding protein Short name= ILBP Intestinal 15 kDa protein Short name= I-15P Intestinal bile acid-binding
<b>Expression Region</b>	1-128aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length of BC022489
<b>Target Details</b>	This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.