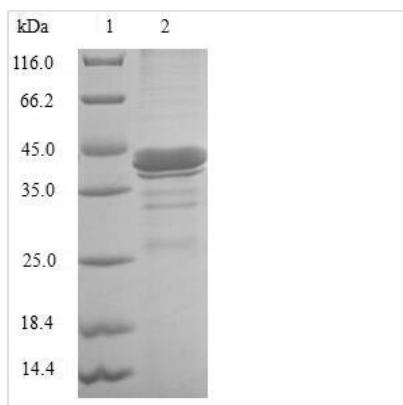




Recombinant Human Gastrotropin (FABP6)

Product Code	CSB-EP007955HU
Relevance	Binds to bile acids and is involved in enterohepatic bile acid metabolism. Required for efficient apical to basolateral transport of conjugated bile acids in ileal enterocytes. In vitro binds to bile acids in the order: deoxycholic acid > cholic acid > chenodeoxycholic acid and respective BA conjugation modifies affinities in the order taurine-conjugated > glycine-conjugated > unconjugated bile acids. Stimulates gastric acid and pepsinogen secretion
Abbreviation	Recombinant Human FABP6 protein
Storage	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.
Uniprot No.	P51161
Alias	Fatty acid-binding protein 6 Ileal lipid-binding protein
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAFTGKFEMESEKNYDEFMKLLGISSDVIEKAHNFKIVTEVQQDGQDFTWSQHYGGHTMTNKFTVVGKESNIQTMGGKTFKATVQMEGGKLVVNFPPNYHQTSIEVGDKLVEVSTIGGVTYERVSKRLA
Research Area	Signal Transduction
Source	E.coli
Target Names	FABP6
Protein Names	Recommended name: Gastrotropin Short name= GTA Alternative 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 protein
Expression Region	1-128aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	41.4kDa
Protein Length	Full Length of BC022489
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

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.

Shelf Life

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.