

Recombinant Human FIBP protein, GST-tagged

Cat. No. FIBP-7822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FIBP protein(1-357 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-357 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 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).
AASequence	MTSELDIFVGNTTLIDEDVYRLWLDGYSVTDAVALRVRSGILEQTGATAAVLQSDTM DHYRTFHMLERLLHAPPKLLHQLIFQIPPSRQALLIERYAFDEAFVREVLGKKLSKG TKKDLDDISTKTGITLSCRRQFDNFKRVFKVVEEMRGS�VDNIQQHFLLSDRLARD YAAIVFFANNRFETGKKKLQYLSFGDFAFCAELMIQNWTLGAVDSQMDDMDMDLDK EFLQDLKELKVLVADKDLLDLHKS�VCTALRGKLGVFSEMEANFKNLSRGLVNVAAK LTHNKDVRDLFVDLVEKFVEPCRSДHWPLSDVRFFLNQYSASVHSLDGFRHQALW DRYMGTLRGCLLRLYHD
Purity	90%, by SDS-PAGE.

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Storage 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.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FIBP fibroblast growth factor (acidic) intracellular binding protein [Homo sapiens]

Official Symbol FIBP

Synonyms FIBP; fibroblast growth factor (acidic) intracellular binding protein; acidic fibroblast growth factor intracellular-binding protein; FGFIBP; aFGF intracellular-binding protein; FGF-1 intracellular-binding protein; FIBP-1;

mRNA Refseq NM_004214

Protein Refseq NP_004205

MIM 608296

UniProt ID O43427

Gene ID 9158

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SDS-PAGE

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