

FGFBP3 recombinant protein

FGFBP3 Protein, Human, Recombinant (His Tag)

CATALOG #
AAA257957

HOST
Baculovirus-Insect Cells

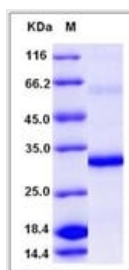
PRODUCT SYNONYMS

FGFBP3; FGFBP3 Protein; Human; Recombinant (His Tag); Human FGFBP3 Protein (His Tag); C10orf13 Protein; FGF-BP3 Protein; fibroblast growth factor binding protein 3; FGFBP3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Insect Cells
Purity/Purification	>87% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-Gly25 8
Species	Human
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Arg 27
Tag	C-His
Protein Construction	A DNA sequence encoding the human FGFBP3 (Met 1-Gly 258)(Q8TAT2) was expressed, with a C-terminal polyhistidine tag.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FGFBP3 recombinant protein	Background: FGFBP3 is a member of the fibroblast growth factor-binding protein family. Members of this family binds and activates FGF-1 and FGF-2, thereby contributing to tumor angiogenesis. Fibroblast growth factors (FGFs) are important regulators of cell migration, proliferation and differentiation, e.g., during embryogenesis and wound healing, and under several pathological conditions including tumor growth and tumor angiogenesis. Expression of FGF-BP increases after injury to murine and human skin, in particular in keratinocytes. This upregulation is most likely achieved by major keratinocyte mitogens present at the wound site. FGFBP3 is a positive regulator of fibroblast growth factor receptor signaling pathway and vascular permeability. It interacts with 2,3,7,8-tetrachlorodibenzodioxine, benzopyrene and valproic acid. FGFBP3 also exhibits fibroblast growth factor binding (orthology) and heparin binding (orthology).
References	Abuharbeid S, et al. (2006) The fibroblast growth factor-binding protein FGF-BP. Int J Biochem Cell Biol. 38(9):1463-8.Lange LG, et al. (1976) Human liver alcohol dehydrogenase: purification, composition, and catalytic features. Biochemistry. 15(21):4687-93.Czubayko F, et al. (1997) A secreted FGF-binding protein can serve as the angiogenic switch in human cancer. Nat Med. 3(10):1137-40.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190341093
NCBI GeneID	143282
NCBI Accession #	NP_689642.3
NCBI GenBank Nucleotide #	NM_152429.4
UniProt Accession #	Q8TAT2; Q8NBN0; B2RD68
Molecular Weight	27,590 Da
NCBI Official Full Name	fibroblast growth factor-binding protein 3
NCBI Official Synonym Full Names	fibroblast growth factor binding protein 3
NCBI Official Symbol	FGFBP3
NCBI Official Synonym Symbols	FGF-BP3; C10orf13
NCBI Protein Information	fibroblast growth factor-binding protein 3; FGFBP-3; FGF-binding protein 3
UniProt Protein Name	Fibroblast growth factor-binding protein 3
UniProt Gene Name	FGFBP3
UniProt Synonym Gene Names	C10orf13; PSEC0101; FGF-BP3; FGF-binding protein 3; FGFBP-3
UniProt Entry Name	FGFP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.