

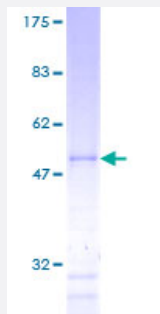
Full-Length

FGFBP1 (Human) Recombinant Protein (P01)

Catalog # H00009982-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FGFBP1 full-length ORF (AAH03628, 1 a.a. - 234 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKICSLTLLSFLLLAAQVLLVEGKKKVKNGLSKVVSEQKDTLGNTQIKQKSRPGNKGKFVTKDQ
ANCRWAATEQEEGISLKVECTQLDHEFSCVFAGNPTSCLKLKDERVYWKQVARNLRSQKDICY
SKTAVKTRVCRKDFPESSLKLVSSTLFGNTKPRKEKTEMSPREHIKGETTPSSLAVTQTMATKA
PECVEDPDMANQRKTALEFCGETWSSLCTFFLSIVQDTSC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.48

Interspecies Antigen Sequence

Mouse (59); Rat (55)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FGFBP1

Entrez GeneID	9982
GeneBank Accession#	BC003628
Protein Accession#	AAH03628
Gene Name	FGFBP1
Gene Alias	FGFBP, HBP17
Gene Description	fibroblast growth factor binding protein 1
Omim ID	607737
Gene Ontology	Hyperlink
Gene Summary	FGFBP1, or HBP17, binds to both acidic (FGF1; MIM 131220) and basic (FGF2; MIM 134920) fibroblast growth factors in a reversible manner. It also binds to perlecan (HSPG2; MIM 142461).[s applied by OMIM
Other Designations	OTTHUMP00000123370 heparin-binding growth factor binding protein

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)