FGFBP1 (Human) Recombinant Protein

Catalog # P8640 Size 2 x 10 ug

Specification

Product Description	Human FGFBP1 partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSKKKVKNGLHSKVVSEQKDTLGNTQIKQKSRPGNKGKFVTK DQANCRWAATEQEEGISLKVECTQLDHEFSCVFAGNPTSCLKLKDERVYWKQVARNLRSQKDIC RYSKTAVKTRVCRKDFPESSLKLVSSTLFGNTKPRKEKTEMSPREHIKGKETTPSSLAVTQTMAT KAPECVEDPDMANQRKTALEFCGETWSSLCTFFLSIVQDTSC
Host	Escherichia coli
Theoretical MW (kDa)	26.2
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 85% as determined by SDS-PAGE.
Storage Buffer	Solution (0.25 mg/mL) in 1X PBS, pH 7.4 , 10% glycerol, 1 mM DTT.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — FGFBP1

Entrez GeneID	9982

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Protein Accession#	Q14512
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) fi broblast growth factors in a reversible manner. It also binds to perlecan (HSPG2; MIM 142461).[s upplied by OMIM
Other Designations	OTTHUMP00000123370|heparin-binding growth factor binding protein

Disease

- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Narcolepsy

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