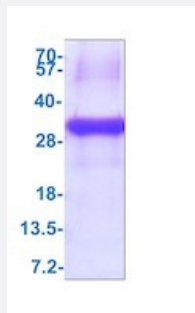


# FGFBP1 (Human) Recombinant Protein

Catalog # P7776

Size 250 ug

## Applications



SDS-PAGE analysis of FGFBP1 (Human) Recombinant Protein

## Specification

|                                |                                                                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human FGFBP1 (NP_005121, 24 a.a. - 234 a.a ) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .                                                                                                                       |
| <b>Sequence</b>                | MGSSHHHHHSSGLVPRGSHMGSKKKVKNGLSKVVSEQKDTLGNTQIKQKSRPGNKGKFVTK<br>DQANCRWAATEQEEGSLKVECTQLDHEFSCVFAGNPTSLKLDKDERVYWKQVARNLRSQKDIC<br>RYSKTAVKTRVCRKDFPESSLKLVSSTLFGNTKPRKEKTEMSPREHIKGETTPSSLAVTQTMAT<br>KAPECVEDPDMANQRKTALEFCGETWSSLCTFFLSIVQDTSC |
| <b>Host</b>                    | <i>Escherichia coli</i>                                                                                                                                                                                                                            |
| <b>Theoretical MW (kDa)</b>    | 26.2                                                                                                                                                                                                                                               |
| <b>Form</b>                    | Liquid                                                                                                                                                                                                                                             |
| <b>Preparation Method</b>      | <i>Escherichia coli</i> expression system                                                                                                                                                                                                          |
| <b>Purity</b>                  | > 85% by SDS-PAGE                                                                                                                                                                                                                                  |
| <b>Quality Control Testing</b> | 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.<br>SDS-PAGE analysis of FGFBP1 (Human) Recombinant Protein                                                                                                        |
| <b>Recommend Usage</b>         | SDS-PAGE<br>The optimal working dilution should be determined by the end user.                                                                                                                                                                     |
| <b>Storage Buffer</b>          | In PBS, pH 7.4 (1 mM DTT, 10% glycerol).                                                                                                                                                                                                           |

**Storage Instruction**

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- SDS-PAGE

## Gene Info — FGFBP1

|                    |                                                                                                                                                                                                           |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">9982</a>                                                                                                                                                                                      |
| Protein Accession# | <a href="#">Q14512</a>                                                                                                                                                                                    |
| Gene Name          | FGFBP1                                                                                                                                                                                                    |
| Gene Alias         | FGFBP, HBP17                                                                                                                                                                                              |
| Gene Description   | fibroblast growth factor binding protein 1                                                                                                                                                                |
| Omim ID            | <a href="#">607737</a>                                                                                                                                                                                    |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                 |
| 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](#)