

## 重组人胰岛素样生长因子结合蛋白5(IGFBP-5)

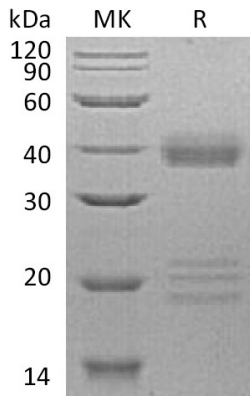
Insulin-Like Growth Factor-Binding Protein 5,Human,Recombinant(C-6His)

Cat. No.: MA1437-1    Size: 10 $\mu$ g

<b>Source:</b>	Human Cells
<b>Description:</b>	Recombinant Human Insulin-Like Growth Factor-Binding Protein 5 is produced by our Mammalian expression system and the target gene encoding Leu21-Glu272 is expressed with a 6His tag at the C-terminus.
<b>Accession:</b>	<a href="#">P24593</a>
<b>Known As:</b>	Insulin-Like Growth Factor-Binding Protein 5; IBP-5; IGF-Binding Protein 5; IGFBP-5; IGFBP5; IBP5
<b>Predicted Mol Mass:</b>	29.61 KDa
<b>Apparent Mol Mass:</b>	30-40 KDa, reducing conditions
<b>Endotoxin:</b>	< 1 EU/ $\mu$ g as determined by LAL test.
<b>Formulation:</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Reconstitution:</b>	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Shipping:</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage:</b>	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$ , stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
<b>Background:</b>	Insulin-Like Growth Factor-Binding Protein 5 (IGFBP-5) is a secreted protein that belongs to the insulin-like growth factor (IGF) binding proteins superfamily. Members of this family prolong the half-life of the IGFs. They have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. IGFBP-5 contains one IGFBP N-terminal domain and one thyroglobulin type-1 domain. IGFBP-5 is expressed by fibroblasts, myoblasts and Osteosarcoma. It is also present at lower levels in liver, kidney, and brain.



**Purity-SDS-PAGE:**



Greater than 95% as determined by reducing SDS-PAGE.

