

Active Recombinant Human IGFBP6, Met-tagged

Cat. No. IGFBP6-735H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGFBP6 (Accession # NP_002169) Ala25-Gly240, fused with an N-terminal Met, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in Acetonitrile and TFA.
Bio-activity	Measured by its ability to inhibit the biological activity of IGF-I or IGF-II on MCF-7 human breast cancer cells. Karey, K.P. et al. (1988) Cancer Research 48:4083. The ED50 for this effect is typically 0.1 - 0.4 µg/mL in the presence of 14 ng/mL rhIGF-II.
Molecular Mass	Recombinant Human IGFBP6, Met-tagged has a calculated MW of 23 kDa. In SDS-PAGE migrates as 34 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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Gene Name	IGFBP6 insulin-like growth factor binding protein 6 [Homo sapiens]
Official Symbol	IGFBP6
Synonyms	IGFBP6; insulin-like growth factor binding protein 6; insulin-like growth factor-binding protein 6; IBP-6; IGFBP-6; IGF binding protein 6; IGF-binding protein 6; IBP6;
Gene ID	3489
mRNA Refseq	NM_002178
Protein Refseq	NP_002169
MIM	146735
UniProt ID	P24592
Chromosome Location	12q13

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