

Product datasheet for **TP727117**

IGF2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human LongIGF-II
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala25-Glu91
Buffer:	Lyophilized from a 0.2 um filtered solution of 5mM HAc, pH3.0.
Note:	Recombinant Human Long Insulin-Like Growth Factor II is produced by our E.coli expression system and the target gene encoding Ala25-Glu91 is expressed.
Stability:	12 months from date of despatch
Locus ID:	3481
UniProt ID:	P01344
Summary:	Insulin-Like Growth Factor II (IGF2) belongs to the insulin family of polypeptide growth factors that is involved in development and growth. Members of this family are structurally homologous to proinsulin, and share higher sequence identity. IGF2 is expressed only from the paternally inherited allele and believed to be secreted by the liver and to circulate in the blood. IGF2 possess growth-promoting activity and can stimulate the proliferation and survival of various cell types including muscle, bone, and cartilage tissue in vitro. IGF2 is influenced by placental lactogen and may play a role in fetal development.



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