

# Recombinant human IGF2

Catalog UCI001  
Lot A0024  
product specification sheet: PS-I001



## Product description

Human IGF2, The insulin-like growth factors possess growth-promoting activity. In vitro, they are potent mitogens for cultured cells. IGF-II is influenced by placental lactogen and may play a role in fetal development.

Reference sequences:	NM_000612 NP_000603 Swiss-prot P01344
Alternative names:	insulin-like growth factor II somatomedin-A T3M-11-derived growth factor preptin
Gene ID:	3481

Residues 25-180 of human IGF2 were cloned, the protein was over-expressed in HEK293EBNA1 cells and was purified to homogeneity. The calculated molecular weight of recombinant human IGF2 is 19.0 kDa. The protein contains a N-terminal hexahistidine tag. The biological active N-terminal fragment containing amino acid residues 25 - 91 is purified to homogeneity. Each vial contains 100 µg IGF2 at a concentration of 0.29 mg/ml.

## Storage and stability

IGF2 should be stored at - 80 °C (stable for at least 1 year). The buffer contains PBS without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

## Sequence

marplctlllmatlagalags

# hhhh

hgsayrpsetlcggelvdltlqfvcgdrgyfsrpsarvsrrsrgiveeccfrscdlalletycatpakserdvst  
pptvlpdnfprypvgkffqydtwkqstqrlrrglpallrarrghvlakeleafreakrhrplialptqdpahggappemasnrkaa\*

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