

# Recombinant human IGF2



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CAT No. UCI001  
LOT No. A0024  
product specification sheet: PS-I001  
0.1 mg

## 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

marplctllllmatlagalagsgsayrpselcggelvdltlqfvcgdrgrfyfyrpasrvsrrsrgiveeccfrscdlalletycatpakserdvst  
pptvlpdnfprypvgk°qydtwqstqrlrrglpallrarrghvlakeleafreakhrplialptqdpahggappemasnrkaaa\*

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