

# Recombinant human IGF2



orders@immunoprecise.com  
www.immunoprecise.com

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

marplctlllmatlagalagsgsayrpssetl~~cg~~gelvdtlqfvcgdrgfyfsrpsarvsrrsrgiveeccfrscdlalletycatpakserdvst  
pptvlpdnfprypvgkffqydtwkqstqrlrrglpallrarrghvlakeleafreakrhrplialptqdpahggappemasnrkaa\*

## PRODUCT USE LIMITATIONS, WARRANTY, DISCLAIMER

U-Protein Express BV products contain chemicals which may be harmful if misused. Due care should be exercised with all U-Protein Express BV products to prevent direct human contact. All products are intended For Research Use Only and ARE NOT ALLOWED FOR USE IN HUMANS. Each U-Protein Express BV product is shipped with documentation stating specifications and other technical information. U-Protein Express BV products are warranted to meet or exceed the stated specifications. U-Protein Express BV's sole obligation and the customer's sole remedy is limited to replacement of products free of charge in the event products fail to perform as warranted. U-Protein Express BV makes no other warranty of any kind whatsoever, and SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES OF ANY KIND OR NATURE WHATSOEVER, DIRECTLY OR INDIRECTLY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, AS TO THE SUITABILITY, PRODUCTIVITY, DURABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, MERCHANTABILITY, CONDITION, OR ANY OTHER MATTER WITH RESPECT TO U-Protein Express BV PRODUCTS. In no event shall U-Protein Express BV be liable for claims for any other damages, whether direct, incidental, foreseeable, consequential, or special (including but not limited to loss of use, revenue or profit), whether based upon warranty, contract, tort (including negligence) or strict liability arising in connection with the sale or the failure of U-Protein Express BV products to perform in accordance with the stated specifications.