Certificate of Analysis & Data Sheet

Catalog Number: 230-20297-200

Recombinant Human Insulin Like Growth Factor 2 (IGF-2), Transfected HEK293 Cell Culture Supernatant

Source

Species	Sus scrofa (pig)
Accession Number	P23695
Gene Symbol	IGF2
Expressed Region	Ala25-Glu91
Synonyms	Insulin Like Growth Factor 2, T3M-11-Derived Growth Factor, Preptin, IGF-II, Insulin-Like Growth Factor 2 (Somatomedin A), Chromosome 11 Open Reading Frame 43, Insulin-Like Growth Factor Type 2, Insulin-Like Growth Factor 2, Somatomedin A, Somatomedin-A, C11orf43, PP9974, GRDF.

Preparation

Expression System	Human embryonic kidney 293 (HEK293) cells
Tag	N-terminal his-tag
Purity	Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control.
Molecular Weight	Recombinant protein product has a calculated molecular mass of 7. The actual molecular weight may increase slightly due to the potential post-translational modifications (PTMs).

Protein Specifications

Format	Pink liquid
Formulation	Cell culture supernatant of transfected HEK293 cells, serum-free.

Shipping

Ice packs. Including one vial of cell culture supernatant of HEK293 cells transfected with empty expression vector.

Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.