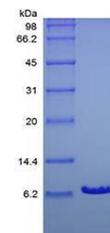


Product Datasheet

Human IGF1 protein (orb80045)

Description	Insulin-Like Growth Factor-I Human Recombinant produced in E.coli is a single, non-glycosylated, pol...
Conjugation	Unconjugated
Tested Applications	FA, HPLC, SDS-PAGE
Target	IGF1
Preservatives	The protein was lyophilized with no additives.
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only
Application notes	Experiment Notes: Protein quantitation was carried out by two independent methods 1. UV spectroscopy at 280 nm using the absorbency value of 0.502 as the extinction coefficient for 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using calibrated solution of IGF1 as Reference Standard.
Protein Sequence	GPETLCGAEL VDALQFVCGD RGFYFNKPTG YGSSRRAPQ TGIVDECCFR SCDLRRLEMY CAPLKPAKSA.
Purity	> 95.0% as determined by(a) Analysis by RP-HPLC(b) Analysis by SDS-PAGE.
Solubility (25°C)	It is recommended to reconstitute the lyophilized IGF-1 in sterile H ₂ O not less than 100ug/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.



SDS-PAGE analysis of Human IGF1 protein