

Product Datasheet

Human Keratinocyte Growth Factor protein (orb80085)

Description

Keratinocyte Growth Factor-1 Human Recombinant

kDa
98

45
31
20
14.4

SDS-PAGE
analysis of
Human
Keratinocyte

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	pol...
Conjugation	Unconjugated
Tested Applications	FA, HPLC, SDS-PAGE
Target	KGF
Preservatives	The protein was lyophilized from concentrated (1mg/ml) solution 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 0.9 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 KGF as Reference Standard.
Protein Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Cys-Asn-Asp-Met.
Purity	> 98.0% as determined by RP-HPLC and analysis by SDS-PAGE
Solubility (25°C)	It is recommended to reconstitute the lyophilized Keratinocyte Growth Factor in sterile H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.