

Certificate of Analysis



Product Identification

Catalog number	HB9819
Compound name	Recombinant human Neuregulin-1 beta 2 protein
Amino acid sequence	SHLVKCAEKEKTFVNGGECFMVKDLSNPSRYLCK CPNEFTGDRQCQNYVMASFYKAEELYQ
Modifications	N/A
Batch number	E2166-1-1
Batch molecular weight	22.7 kDa

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 96.0%
Biological activity	The ED50 as determined by a cell proliferation assay using serum free human MCF-7 cells is less than 50ng/ml, corresponding to a specific activity of > 2.0 × 104 IU/mg	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (0.1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

18/01/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.