Human Pro-neuregulin-1/NRG1 (Beta1) protein (Recombinant) (N-hFc) (STJP002948)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

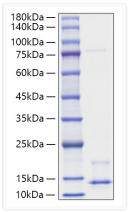
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

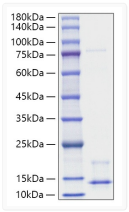
Gene ID	3084
Gene Symbol	NRG1
UniProt ID	NRG1_HUMAN
Immunogen Region	Thr176-Lys246
Immunogen Sequence	DQAAGGLRQHDAEVDATLKS LNNQIESIRSPEGSRKNPAR TCRDLKLCHPEWKSGDYWID PNQGCTLDAMKVFCNMETGE TCVYPNPANVPKKNWWSSKS KEKKHIWFGETINGGFHFSY GDDNLAPNTANVQMTFLRLL STEGSQNITYHCKNSIAYLD EAAGNLKKALLIQGSNDVEI RAEGNSRFTYTALKDGCTKH TGKWGKTVIEYRSQKTSRLP IIDIAPMDIGGPEQEFGVD

ADDITIONAL INFORMATION

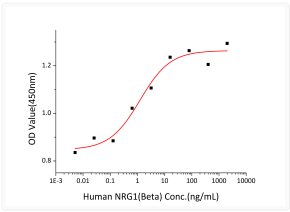
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Recombinant Human Pro-neuregulin-1/NRG1 (Beta1) Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kDa.



Recombinant Human Pro-neuregulin-1/NRG1 i ¼˚Beta1 i ¼‰ Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 10-15 kDa.



Recombinant Human Pro-neuregulin-1/NRG1 (Beta1) stimulates serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED_{50} for this effect is typically 0. 62-2. 48 ng/mL, corresponding to a specific activity of 4. 03Ã—10^5~1. 61Ã—10^6 units/mg.