

NRG1-beta 1 Protein, Human (CHO)

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| Cat. No.: | HY-P71171A |
| Synonyms: | Pro-neuregulin-1; Neuregulin-1 beta 1; NRG1-beta 1; HRG1-beta 1; EGF; NRG1; GGF; HGL; HRGA; NDF; SMDF; Heregulin β -1; Heregulin; HRG |
| Species: | Human |
| Source: | CHO |
| Accession: | Q02297-6 (T176-K246) |
| Gene ID: | 3084 |
| Molecular Weight: | 7.5 kDa |

PROPERTIES

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| AA Sequence | T S H L V K C A E K E K T F C V N G G E C F M V K D L S N P S R Y L C K C P N E F T G D R C Q N Y V M A S F Y K H L G I E F M E A E E L Y Q K |
| Biological Activity | ED ₅₀ ≤ 0.5 ng/mL, determined by the dose-dependent stimulation of the proliferation of human MCF-7 cells. |
| Appearance | Lyophilized powder |
| Formulation | Lyophilized from a 0.2 μ m filtered solution of PBS. |
| Endotoxin Level | <0.2 EU/ μ g, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

Caution: Product has not been fully validated for medical applications. For research use only.

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