

Glial growth factor (GGF2) Active Protein | GGF2 active protein

Human Glial growth factor (GGF2) Recombinant

CATALOG # AAA14429	HOST HEK cells
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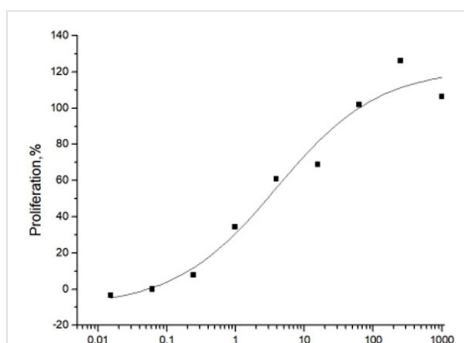
PRODUCT SYNONYMS

Glial growth factor (GGF2); Human Glial growth factor (GGF2) Recombinant; Human Glial growth factor (GGF2) Recombinant ; egf; ggf2; nrg1; nrg-1; glial; heregulin; hrg; GGF2 active protein

PRODUCT SPECIFICATIONS

Host	HEK cells
Purity/Purification	>95%, as determined by SDS-PAGE
Form/Format	Recombinant Human GGF2 is supplied as lyophilized 0.2 um filtered PBS solution, pH7.2.
Host Note	Optimized DNA sequence encoding Human Neuregulin-1 isoform 9, GGF2 was expressed in HEK cells.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug(1EU/ug).
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	Store lyophilized at -20°C (Long term) or at ambient temperature (Short term). After Reconstitution store at 2-8°C (short term) or Reconstituted at -20°C for 12 months. *For long term storage we recommend the addition of a carrier protein at 0.1%. *Avoid repeated freeze / thaw cycles.

IMAGES



Activity

The ED(50) was determined by the dose-dependent proliferation of human MCF-7 cells was found to be

ADDITIONAL INFORMATION

Product Categories/Family for GGF2 active protein	Cytokines
References	Schwann Cell Isolation and Culture Reveals the Plasticity of These Glia. David E. Weinstein (2017)

NCBI AND UNIPROT INFORMATION

NCBI GI #	236461509
NCBI GeneID	3084
NCBI Accession #	NP_001153467.1
NCBI GenBank Nucleotide #	NM_001159995.1
UniProt Accession #	Q02297; O14667; P98202; Q02298; Q02299; Q07110; Q07111; A5YAK4; A5YAK5; A8K1L2; B7Z4Z3; E9PHH4; Q53F54; Q6ICV5; Q6PK61; Q7RTV8; Q7RTW3; Q7RTW4; Q7RTW5; Q7Z2R7; Q86WJ0
Molecular Weight	Recombinant human GGF2 (Glial growth factor) is a monomeric protein consisting of 422 amino acid residue subunits, and migrates as an approximately 66 kDa protein under non-reducing and reducing conditions in SDS-PAGE.
NCBI Official Full Name	pro-neuregulin-1, membrane-bound isoform isoform HRG-beta1c
UniProt Protein Name	Pro-neuregulin-1, membrane-bound isoform
UniProt Gene Name	NRG1
UniProt Synonym Gene Names	GGF; HGL; HRGA; NDF; SMDF; Pro-NRG1; ARIA; HRG
UniProt Entry Name	NRG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek-cells-active-protein/glial-growth-factor-ggf2/14429>