Catalog number GF-FGF9-HU

Recombinant Human FGF-9 (208 aa)

Carrier-free recombinant human FGF-9 (glia-activating factor), E. coli-expressed, >=97% pure with endotoxin below 0.1 EU/µg. A heparin-binding FGFR ligand and mitogen for glial cells, oligodendrocyte progenitors, and fibroblasts.

Specification

Species	Human
Expressed in	E. coli BL21(DE3)
UniProt	P31371
Accession	NP_002001.1
Residue range	Met1-Ser208 (208 aa, full-length open reading frame)
Molecular weight	23.4 kDa (SDS-PAGE)
Purity	>=97 % (SDS-PAGE & RP-HPLC)
Endotoxin	<=0.1 EU/µg (LAL)
Bioactivity	ED50 1.0-5.0 ng/mL, murine NIH/3T3 fibroblast proliferation
Carrier	carrier-free
Formulation	Sterile-filtered (0.2 µm) solution in PBS with 5 mM DTT, pH 7.4. Supplied frozen and carrier-free by default; a 0.1% BSA carrier option is also offered. The DTT keeps the two unpaired cysteines (Cys68, Cys134) reduced, since FGF-9 has no native disulfide bond to hold them.
Reconstitution	No reconstitution necessary. Thaw on ice, mix gently, and use directly or dilute into your assay buffer.
Storage	-80 °C. Aliquot upon receipt to avoid repeated freeze/thaw.
Stability	12 mo at -80 °C; 1 wk at 2-8 °C once thawed. Do not refreeze.
Grade	Research use only

Ordering

Catalog no.	Pack	List price	Availability
GF-FGF9-HU-5UG	5 µg	$19	Waitlist
GF-FGF9-HU-20UG	20 µg	$52	Waitlist

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GF-FGF9-HU-100UG	100 µg	$175	Waitlist
GF-FGF9-HU-1MG	1 mg	$980	Waitlist

Storage and shipping

Cold chain	Frozen, on dry ice. Declared UN1845, dangerous goods class 9.
Hazard classification	None
Certificate of Analysis	Issued per lot and shipped with the product. Any lot can be retrieved at bramantebio.com/support/coa/

Research use only

For research use only. Not for use in diagnostic or therapeutic procedures, and not for human or veterinary use. The purchaser is responsible for determining suitability for their application and for compliance with applicable biosafety and institutional requirements.