

Catalog number GF-FGF2-HU

Recombinant Human FGF2 (bFGF, 154 aa)

Carrier-free recombinant human FGF2 (bFGF), E. coli-expressed, >=98% pure with endotoxin below 0.1 EU/μg. The standard mitogen for stem-cell and primary-culture maintenance.

Specification

Species	Human
Expressed in	E. coli BL21(DE3)
UniProt	P09038
Accession	NP_001997.5
Residue range	Ala135-Ser288 (154 aa mature)
Molecular weight	17.2 kDa (SDS-PAGE)
Purity	>=98 % (SDS-PAGE & RP-HPLC)
Endotoxin	<=0.1 EU/μg (LAL)
Bioactivity	ED50 0.1-0.6 ng/mL, BALB/c 3T3 fibroblast proliferation
Carrier	carrier-free
Formulation	Sterile-filtered solution in PBS, pH 7.4. Supplied frozen; carrier-free (a 0.1% BSA carrier option is also available).
Reconstitution	Supplied ready to use, no reconstitution required. Thaw on ice, mix gently, and dilute into your assay buffer or medium.
Storage	-80 °C. Aliquot on 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-FGF2-HU-50UG	50 μg	\$40	In stock
GF-FGF2-HU-100UG	100 μg	\$55	In stock
GF-FGF2-HU-500UG	500 μg	\$115	In stock
GF-FGF2-HU-1MG	1 mg	\$160	In stock

GF-FGF2-HU continued

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.