



FIBROBLAST GROWTH FACTOR, BASIC (FGF-BASIC) (Synthetically Derived)

CATALOG NUMBER:	FA011
LOT NUMBER:	
QUANTITY:	1 mg
SOURCE:	Synthetic, brain derived (1-24)
MOLECULAR WT.:	2553.86
PURITY:	Greater than 92% by HPLC.
SEQUENCE:	H-Pro-Ala-Leu-Pro-Glu-Asp-Gly-Gly-Ser-Gly-Ala-Phe-Pro-Pro-Gly-His-Phe-Lys-Asp-Pro-Lys-Arg-Leu-Tyr-OH
RECONSTITUTION:	Restore with sterile, distilled water.
STORAGE/HANDLING:	Lyophilized products can be stored dry at -20°C up to two years. Reconstituted materials should be stored at -20°C up to six months. Do not thaw and refreeze.

HANDLING OF LYOPHILIZED PEPTIDES

Peptides should be stored at -20°C for maximum stability.

Warm peptide samples to room temperature in a desiccator prior to opening and weighing out portions to be used. Peptides are often hygroscopic. Adsorption of water can decrease stability and reduce overall peptide content.

Weigh out peptides rapidly and re-seal the bottle tightly.

SOLUBILIZATION AND STORAGE

Dissolve peptides in sterile distilled water. The concentration should be high enough to allow for addition of buffer after the product is dissolved completely.

If necessary, a few drops of dilute acetic acid or ammonium hydroxide can be added to help solubilize the peptide. If necessary, the solution may be sonicated briefly.

Buffer or saline should be added only after the peptide is fully in solution to avoid solubility problems.

Peptides containing TRP, MET or CYS require special care to avoid oxidation. Oxygen-free water should be used.



For storage, peptide solutions should be in the pH range of 5.0-7.0, aliquoted and placed in a freezer at -20°C. The only exceptions to this are sulfated peptides which should be kept slightly basic to avoid degradation. Peptides containing TRP, MET, CYS, ASN or GLN have limited lifetime in solution. Long-term storage is not recommended.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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