

Brain Derived Acidic Fibroblast Growth Factor (102-111); FGF acidic (102-111) (bovine brain)

PRODUCT DESCRIPTION

Brain Derived Acidic Fibroblast Growth Factor (102-111); FGF acidic (102-111) (bovine brain) is a 10-amino-acid synthetic peptide. A synthetic peptide used as a research tool in biochemistry, pharmacology, and biomedical research. This peptide enables the study of protein-protein interactions, receptor binding, enzyme substrate specificity, and signal transduction pathways. Available in high purity (>=95% by HPLC) as a lyophilized powder for reconstitution in appropriate buffers.

PRODUCT SPECIFICATIONS

Catalog Number	BPT1595
CAS Number	198542-00-6
Molecular Weight	1223.3785 Da
Molecular Formula	C59H82N16O13
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

HAEKHWFVGL

Three-Letter Code:

H-His-Ala-Glu-Lys-His-Trp-Phe-Val-Gly-Leu-OH

RESEARCH APPLICATIONS

Application	Tissue repair
Biomarker Target	Growth Factors
Research Area	Dermatology
Sub-category	Wound Healing & Tissue Regeneration

STORAGE & HANDLING

Storage Temperature	-20 deg C
Form	Lyophilized
Stability	Lyophilized product stable for 24 months at -20 deg C
Reconstitution	Reconstitute in sterile water or appropriate buffer
After Reconstitution	Aliquot and store at -20 to -80 deg C
Avoid	Repeated freeze-thaw cycles

AVAILABLE SIZES

Size Options	1 mg, 10 mg
Usage	Research use

QUALITY CONTROL

Purity Method	HPLC, Mass Spectrometry (MS)
Identity	Confirmed by ESI-MS or MALDI-TOF
Purity	Peak Area by HPLC >=95%
Documentation	Certificate of Analysis (CoA) available upon request