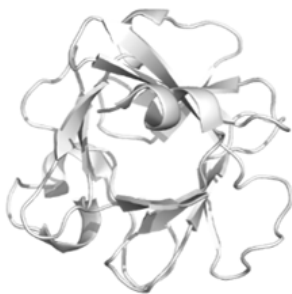
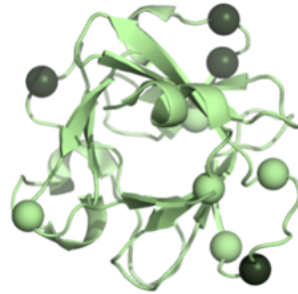


Thermostable FGF-2 (FGF-2 STAB®)

Thermostable recombinant FGF-2 (FGF-2 STAB®) is a novel, thermostabilized growth factor that enable more efficient FGF-2-dependent cell cultures more efficiently with fewer media changes.



Wild Type FGF-2



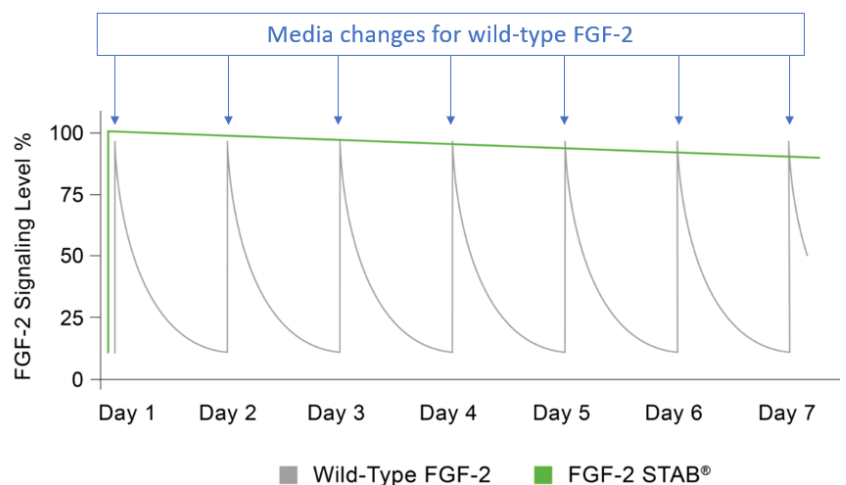
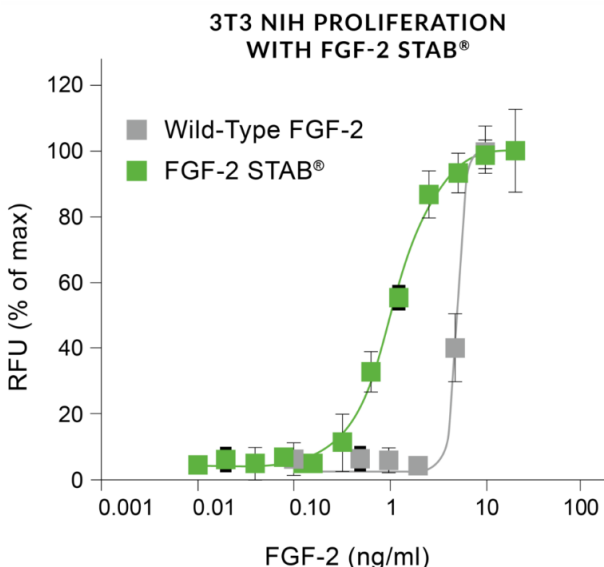
FGF-2 STAB®

Engineered with a novel nine amino acid substitution to improve stability



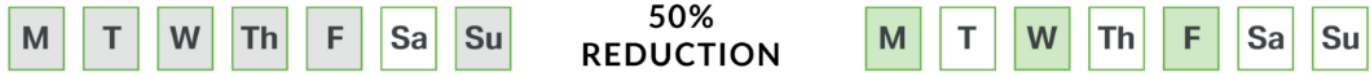
Features

- High Purity
- Animal Component-Free
- 10x Longer Half-Life
- High Bioactivity and Stability
- Reduced Cost and Weekend-Free iPSC Culture



With FGF-2 STAB®, full bioactivity of the FGF-2 is preserved in a stable protein conformation. Improved cell response is seen compared to wild-type FGF-2.

Example iPSC Feeding Schedule



Realize tangible benefits of FGF-2 STAB® protein stability: significant reductions in the amount of media required to feed cells, as well as reductions in the number of feedings.

Product Information

Alternative Names	bFGF-2, FGF- β , FGF2, Fibroblast growth factor-basic, HBGF-2.
Accession Number	P09038
Amino Acid Sequence	AAGSITLTPALPEDGGSGAF PPGHFKDPKRLYCKNGGFFLRIHPDGRVDG VREKSDPHIKLQLQAEERGVSISIKGVCANRYLAMKEDGRLLASKCVTDEC FFFERLESNNYNTYRSRKYTSWYVALKRTGQYKLGSKTGPQKAILFLPMSAKS * Core Biogenesis FGF-2 STAB® is the 154 aa mature domain of FGF-2 with nine amino acid substitutions
Molecular mass	19.0kDa.
Origin	Plant seeds of <i>Camelina Sativa</i>
Species	Engineered Sequence
Similarity	Human(99%), Bovine (99%), Porcine (99%), Mouse (94%)

Ordering Information

Product Name	Storage	Cat. No.	PKG Size
FGF-2 STAB®	-80°C	P3-50	50 μ g
		P3-1000	1 mg

Related Products

Product Name	Storage	Cat. No.	PKG Size
FGF-2 Human	-80°C	P1-50	50 μ g
		P1-1000	1 mg
FGF-2 Bovine	-80°C	P2-50	50 μ g
		P2-1000	1 mg

