

Bioactive

Fgf2 (Mouse) Recombinant Protein

Catalog # P7325

Size 10 ug

Specification

Product Description	Mouse Fgf2 (P15655, 10 a.a. - 154 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	PALPEDGGAAFPFGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHVKLQLQAEERGVSISKGVCANRYLAMKEDGRLLASKCVTEECFFFERLESNNYNTYRSRKYSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS
Host	Escherichia coli
Theoretical MW (kDa)	16.4
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED ₅₀ < 0.5 ng/mL, measured by a cell proliferation assay using 3T3 Cells, corresponding to a specific activity of > 2.0 × 10 ⁶ units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

- SDS-PAGE

Gene Info — Fgf2

Entrez GeneID	14173
---------------	-----------------------

Protein Accession#	P15655
--------------------	------------------------

Gene Name	Fgf2
-----------	------

Gene Alias	Fgf-2, Fgfb, bFGF
------------	-------------------

Gene Description	fibroblast growth factor 2
------------------	----------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	-
--------------------	---