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Datasheet for ABIN7505417

FGF2 Protein (AA 10-154) (His tag)

Overview

Quantity:	100 µg
Target:	FGF2
Protein Characteristics:	AA 10-154
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGF2 protein is labelled with His tag.

Product Details

Sequence:	Pro 10-Ser 154
Characteristics:	A DNA sequence encoding the Mouse FGF2 protein (P15655) (Pro 10-Ser 154) was expressed with N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	FGF2
Alternative Name:	bFGF (FGF2 Products)
Background:	Background: FGF basic is one of 22 mitogenic proteins of the FGF family, which show 35-60 % amino acid conservation. Unlike other FGFs, FGF acidic and basic lack signal peptides and are secreted by an alternate pathway. The 17 kDa mouse sequence has 98 % aa identity wi Synonym: bFGF,Fgf-2,Fgfb

Target Details

Molecular Weight:	15.84 kDa
UniProt:	P15655
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , C21-Steroid Hormone Metabolic Process , Inositol Metabolic Process , Glycosaminoglycan Metabolic Process , Protein targeting to Nucleus , S100 Proteins

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months