

Datasheet for ABIN935346 FGF5 Protein



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Overview

Quantity:	50 µg
Target:	FGF5
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	MAWAHGEKRL APKGQGPAA TDRNPIGSSS RQSSSSAMSS SSASSSPAAS LGSQGSGLAQ SSFQWSPSGR RTGSLYCRVG IGFHLQIYPD GKVNGSHEAN MLSVLEIFAV SQGIVGIRGV FSNKFLAMSK KGKLHASAKF TDDCKFRERF QENSYNTYAS AIHRTEKTGR EWYVALNKRG KAKRGCSRVV KPQHISTHFL PRFKQSEQPE LSFTVTVPEK KNPPSPIKSK IPLSAPRKNT NSVKYRLKFR FG
Characteristics:	Purified recombinant Human FGF5 protein Expression System: E.coli Bioactivity: The ED50 as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF-receptors is ? 0.5 ng/mL, corresponding to a specific activity of ? 2 x 10 ⁶ units/mg.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	FGF5
Alternative Name:	FGF5 (FGF5 Products)
Background:	<p>FGF5 is a secreted heparin binding growth factor that belongs to the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF5 binds to FGFR 1c and 2c, and plays a regulatory role in the hair growth cycle.</p> <p>Alternative Names: FGF-5 protein, Fibroblast Growth Factor-5 protein, FGF 5, FGF 5 protein, Smag-82 protein, FGF-5 protein, FGF5, FGF-5, HBGF-5 protein</p>
Molecular Weight:	27.6 kDa
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 2 PBS to a concentration of 0.5-1.0 mg/mL.
Buffer:	Lyophilized from 2x PBS, pH 7.2.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C