

Product datasheet for TP521854

Fgf13 (NM_010200) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse fibroblast growth factor 13 (Fgf13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221854 representing NM_010200 Red=Cloning site Green=Tags(s)
	MAAAIASSLIRQKRQAREREKSNACKCVSSPSKGKTSCKDNKLNLFVSRVKLFGSKRRRRRPEPQLKGV TKLYSRQGYHLQLQADGTIDGTDKDEDSTYTLFNLIPVGLRVVAIQGVQTKLYLAMNSEGYLYTSEHFTPE CKFKESVFENYYVTYSSMIYRQQQSGRGWYLGLNKEGEIMKGNHVKKKPAAHFLPKPLKVAMYKEPSLH DLTEFSRSGSGTPTKRSVSGVLNGGKSMHNEST
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	28 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034330
Locus ID:	14168
UniProt ID:	P70377
RefSeq Size:	2506



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Cytogenetics: X 33.31 cM

RefSeq ORF: 735

Synonyms: Fhf2

Summary: Microtubule-binding protein which directly binds tubulin and is involved in both polymerization and stabilization of microtubules. Through its action on microtubules, may participate to the refinement of axons by negatively regulating axonal and leading processes branching. Plays a crucial role in neuron polarization and migration in the cerebral cortex and the hippocampus.[UniProtKB/Swiss-Prot Function]