

Product datasheet for **TP507916**

Kcnf1 (NM_201531) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse potassium voltage-gated channel, subfamily F, member 1 (Kcnf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR207916 protein sequence
Red=Cloning site **Green**=Tags(s)

MDASAEQSLPEPGSQDSVAGEDIEIWNVGGVRQVLYGDLLSQYPETRLAELINCLAGGYDTIFSLCDDY
DPGKREFYFDRDPDAFKCVIEVYFGEVHMKGICPICFKNEMDFWKVDLKFDDCCCKSHLSEKREELEE
IARRVQLILDDLGVDAEGRWRRCKQCVWKFLEKPESSCPARVAVLSFLLILVSSVVMCMGTIPELQV
DSEGNRVEHPTLENVETACIGWFTLEYLLRFLFSSPNKLHFALSFMNIVDVLAILPFVSLTLHLGARM
ELTNVQQAVQALRIMRIARIFKLARHSSGLQTLTYALKRSFKELGLLMYLAVGIFVFSALGYTMEQSHP
ETLFKSIPQSFWWAITMTTVGYGDIYPKTTLGKLNAAISFLCGVIAIALPIHPINNFRYYNKQRVLE
TAAKHELELMELNSSSAEGKPGGSRSDLDLTPPEPAAREGPSWGSRLKLSHSDTFIPLLTEEKHHRTRLQ
SCK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 55.6 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_963289](#)



[View online »](#)

Locus ID: 382571

UniProt ID: [Q7TSHZ](#), [E9PYC0](#)

RefSeq Size: 4819

Cytogenetics: 12 A1.1

RefSeq ORF: 1482

Synonyms: Gm1182; Kv5.1

Summary: Putative voltage-gated potassium channel.[UniProtKB/Swiss-Prot Function]