

Product datasheet for **TP527482**

Fgf23 (NM_022657) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse fibroblast growth factor 23 (Fgf23), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR227482 protein sequence
Red=Cloning site **Green**=Tags(s)

MLGTCLRLLV GALCTVCSLGTARAYPDTSP LLGSNWGSLTHLYTATARTSYHLQIHRDGHVDGTPHQTIY
SALMITSEDAGSVVITGAMTRRFLCMDLHGNIFGSLHFSPENCKFRQWTL ENGYDVVLSQKHHYLVSLGR
AKRIFQPGTNPPPFSQFLARRNEVPLLHFYTVRPRRHTRS AEDPPERDPLNVLKRPRATPVVSCSREL
PSAEEGGPAASDPLGVLRGRGDARGGAGGADRCRPFPRFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 27.7 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_073148](#)

Locus ID: 64654

UniProt ID: [Q9EPC2](#), [Q3U1V5](#)

RefSeq Size: 2702



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Cytogenetics: 6 F3

RefSeq ORF: 756

Synonyms: Fgf8b

Summary: This gene encodes a member of the fibroblast growth factor family. The encoded protein regulates phosphate homeostasis and vitamin D metabolism. Mutation of the related gene in humans causes autosomal dominant hypophosphatemic rickets (ADHR). The secreted protein is further cleaved into N- and C-terminal chains, which results in loss of function. [provided by RefSeq, Mar 2013]