

Product datasheet for **TP506090**

Tuft1 (NM_011656) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse tuftelin 1 (Tuft1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR206090 protein sequence
Red=Cloning site **Green**=Tags(s)

MNGTRNWCTLVDVHPESQTAGSVDILRLTLQSELTGDELEHIAQKAGRKTYAMMPGHSSGHSLASELVES
HDGHEEIIKVYLKGRSGDKMTHEKNIDQLKSEVQYIQEARNCLQKLREDISSKLD RSPGDPLRQQEIQVV
LEKPNGFSQSPMTLYSSPPEVDPSMSSEDVESLKKTVQELLVVKLREAERRHQSDRVAFEVTL SRYQREAEQ
SNVALQREEDRVEQKAAEIEELQRLLGMEAEHQALLVKVREGEMALEELRIKNADCQTEREKSAALEKE
VAGFREKIHHLDDMLKSQQRKVRQMIEQLQNSKAVIQSKDATIQELKEKIAYLEAENLEMHDRMEHLIEK
QVSHGNFSTQARAKTENLGSVRISKPPSPKPMPLIRVVET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 44.6 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_035786](#)

Locus ID: 22156

UniProt ID: [O08970](#), [Q3V1F5](#)



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RefSeq Size: 2636

Cytogenetics: 3 F2.1

RefSeq ORF: 1173

Summary: Tuftelin is an acidic protein that is thought to play a role in dental enamel mineralization and is implicated in caries susceptibility. It is also thought to be involved with adaptation to hypoxia, mesenchymal stem cell function, and neurotrophin nerve growth factor mediated neuronal differentiation. [provided by RefSeq, Aug 2014]