

Recombinant Human TUFT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TUFT1-3446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TUFT1 MS Standard C13 and N15-labeled recombinant protein (NP_064512) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	44.3 kDa
AA Sequence	MNGTRNWCTLVDVHPEDQAAGSVDILRLTLQGELTGDELEHIAQKAGRKTYAMVSS HSAGHSLASELVESHGHEEIIKVYLKGRSGDKMIHEKNINQLKSEVQYIQEARNCLQ KLREDISSKLDRNLGDSLHRQEIQVVLEKPNGFSQSPTALYSSPPEVDTCTINEDVESL RKTVDLLAKLQEAQRHQSDCVAFEVTLSTRYQREAEQSNVALQREEDRVEQKEA EVGELQRRLLGMETEHQALLAKVREGEVALEELRSNNADCQAEREKAATLEKEVAG LREKIHHLDDMLKSQQRKVRQMIEQLQNSKAVIQSKDATIQELKEKIAYLEAENLEMH DRMEHLIEKQISHGNFSTQARAKTENPGSIRISKPPSPKMPVIRVVETTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

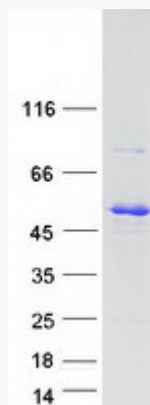
GENE INFORMATION

Gene Name	TUFT1 tuftelin 1 [Homo sapiens (human)]
Official Symbol	TUFT1
Synonyms	TUFT1; tuftelin 1; tuftelin
Gene ID	7286
mRNA Refseq	NM_020127
Protein Refseq	NP_064512
MIM	600087
UniProt ID	Q9NNX1

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SDS-PAGE

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