

Recombinant Mouse Tuft1 Protein, Myc/DDK-tagged

Cat. No. Tuft1-6735M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tuftelin 1 (Tuft1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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. [provided by RefSeq, Aug 2014]
Molecular Mass	44.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tuft1 tuftelin 1 [Mus musculus (house mouse)]
Official Symbol	Tuft1
Synonyms	TUFT1; tuftelin 1; tuftelin
Gene ID	22156
mRNA Refseq	NM_011656
Protein Refseq	NP_035786
UniProt ID	O08970

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