

Recombinant Human TUFT1 Protein, His&GST-tagged

Cat. No. TUFT1-510H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUFT1 Protein (Met1-Thr390) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Thr390
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 74.3 kDa Accurate Molecular Mass: 74 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

TUFT1 tuftelin 1 [Homo sapiens (human)]

Official Symbol

TUFT1

Synonyms

TUFT1; tuftelin 1; tuftelin

Gene ID

7286

mRNA Refseq

NM_001126337

Protein Refseq

NP_001119809

MIM

600087

UniProt ID

Q9NNX1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA