

Recombinant Human TTF1 Protein, His/GST-tagged

TTF1-565H Human

Lot. No. (See product label)

Specification

Product Overview Recombinant Human TTF1(Met1~Gly204) fused with His/GST tag at N-terminal was expressed in E. coli.

Description This gene encodes a transcription termination factor that is localized to the nucleolus and plays a critical role in ribosomal gene transcription. The encoded protein mediates the termination of RNA polymerase I transcription by binding to Sal box terminator elements downstream of pre-rRNA coding regions. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. This gene shares the symbol/alias "TTF1" with another gene, NK2 homeobox 1, also known as thyroid transcription factor 1, which plays a role in the regulation of thyroid-specific gene expression.

Source E. coli

Species Human

Tag His/GST

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

Molecular Mass 53.7kDa

Protein length Met1~Gly204

Endotoxin <1.0EU per 1µg (determined by the LAL method)

Purity >92%

Applications Positive Control; Immunogen; SDS-PAGE; WB.
If bio-activity of the protein is needed, please check active protein.

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 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.

Reconstitution Reconstitute in PBS or others.

Gene Information

Gene Name [TTF1 transcription termination factor, RNA polymerase I \[Homo sapiens \]](#)

Official Symbol [TTF1](#)

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Synonyms TTF1; transcription termination factor, RNA polymerase I; transcription termination factor 1; TTF-1; TTF-I;

Gene ID [7270](#)

mRNA Refseq [NM_001205296](#)

Protein Refseq [NP_001192225](#)

MIM [600777](#)

UniProt ID [Q15361](#)

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