

Recombinant Human TTF1 Protein, His/GST-tagged

Cat. No. TTF1-565H 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.
Species	Human
Source	E.coli
ProteinLength	Met1~Gly204
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 'TFF1' 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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	53.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%

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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
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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