

## PHTF2 抗原（重组蛋白）

中文名称： PHTF2 抗原（重组蛋白）

英文名称： PHTF2 Antigen (Recombinant Protein)

别 名： putative homeodomain transcription factor 2

储 存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to C terminal 200 amino acids of human PHTF2

### 技术规格

<b>Full name:</b>	putative homeodomain transcription factor 2
<b>Swissprot:</b>	Q8N3S3
<b>Gene Accession:</b>	BC032334
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	PHTF2 (putative homeodomain transcription factor 2) is a 785 amino acid protein that contains one basic helix-loop-helix (bHLH) domain and belongs to the PHTF family. Homologous to PHTF1, PHTF2 exhibits strongest similarity within putative homeodomains and both N- and C-terminal regions. Existing as four alternatively spliced isoforms, PHTF2 localizes to nucleus and participates in DNA binding. PHTF2 may also play a role in transcriptional regulation. While PHTF1 is expressed mainly in testis, PHTF2 is predominantly expressed in muscle, which suggests that both may have acquired different functions a

fter their duplication and divergence. The gene that encodes PHTF2 maps to human chromosome 7q11.23.