

## IFIT3 抗原（重组蛋白）

中文名称： IFIT3 抗原（重组蛋白）

英文名称： IFIT3 Antigen (Recombinant Protein)

别名： interferon induced protein with tetratricopeptide repeats 3; P60; IRG2; IFI60; IFIT4; ISG60; RIG-G; cig41; CIG-49; GARG-49

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 291-490 amino acids of human IFIT3

### 技术规格

<b>Full name:</b>	interferon induced protein with tetratricopeptide repeats 3
<b>Synonyms:</b>	P60; IRG2; IFI60; IFIT4; ISG60; RIG-G; cig41; CIG-49; GARG-49
<b>Swissprot:</b>	O14879
<b>Gene Accession:</b>	BC001383
<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>	IFN-induced antiviral protein which acts as an inhibitor of cellular as well as viral processes, cell migration, proliferation, signaling, and viral replication. Enhances MAVS-mediated host antiviral responses by serving as an adapter bridging TBK1 to MAVS which leads to the activation of TBK1 and phosphorylation of IRF3 and phosphorylated IRF3 translocates into nucleus to promote antiviral gene

transcription. Exhibits an antiproliferative activity via the up-regulation of cell cycle negative regulators CDKN1A/p21 and CDKN1B/p27. Normally, CDKN1B/p27 turnover is regulated by COPS5, which binds CDKN1B/p27 in the nucleus and exports it to the cytoplasm for ubiquitin-dependent degradation. IFIT3 sequesters COPS5 in the cytoplasm, thereby increasing nuclear CDKN1B/p27 protein levels. Upregulates CDKN1A/p21 by downregulating MYC, a repressor of CDKN1A/p21. Can negatively regulate the apoptotic effects of IFIT2.