



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### IRF3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003661-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human IRF3 full-length ORF (AAH09395, 1 a.a. - 452 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRIP  
WKHGLRQDAQQEDFGIFQAWAEATGAYVPRDKPDL  
PTWKRNFERSALSRKEGLRLAEDRSKDPHDPHKIYEFV  
NSGVGDFSQPDTSPTDNGGGSTSDTQEDILDELLGN  
MVLAPLPDPGPPSLAVAPEPCPQPLRSPSLDNPTFPF  
NLGPESENPLKRLLVPGEEWFEVTAFYRGRQVFQQT  
SCPEGLRLVVGSEVGDRTLPGWPVTLDPGMSLDRG  
VMSYVRHVLSCGGGLALWRAGQWLWAQRLGHCHT  
YWAVSEELLPNSGHGPDGEVPGKKEGGVFDLGPFIV  
GSWAPRSDYLHGRKRTLTLCLPLVLCGGVMAPGPAV  
DQEARDGQGCAPVQGLGRNGPGRGCLLPGEYCGP  
AHFQQPPTLPHLRPVQGLPAGLGGGHGFPGPWGDLS  
PRSSWCASNPPVPHHLNQ

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 75.24

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3661

**Gene Symbol:** IRF3

**Gene Alias:** -

**Gene Summary:** IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. [provided by RefSeq]

**References:**

1. The Golgi apparatus acts as a platform for TBK1 activation after viral RNA sensing. Pourcelot M, Zemirli N, Silva Da Costa L, Loyant R, Garcin D, Vitour D, Munitic I, Vazquez A, Arnoult D. BMC Biol. 2016 Aug 18;14:69.
2. Quantitation of the dynamic profiles of the innate immune response using multiplex selected reaction monitoring-mass spectrometry. Zhao Y, Tian B, Edeh CB, Brasier AR Mol Cell Proteomics. 2013 Jun;12(6):1513-29. doi: 10.1074/mcp.M112.023465. Epub 2013 Feb 15.
3. NEMO Binds Ubiquitinated TANK-Binding Kinase 1 (TBK1) to Regulate Innate Immune Responses to RNA Viruses. Wang L, Li S, Dorf ME. PLoS One. 2012;7(9):e43756. doi: 10.1371/journal.pone.0043756. Epub 2012 Sep 18.