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| Catalog # | 1297 |
| Synonyms | Interferon regulatory factor 7 |
| Type | Recombinant |
| Source | E. coli |
| Species | Human |
| Tag | GST |
| Form | Liquid |
| Purity | >80% by SDS PAGE |
| Shipping | Ice pack |

Introduction

IRF-7 is a member of the interferon regulatory transcription factor (IRF) family.

Description

IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including the type I interferon genes. In particular, IRF7 regulates many interferon-alpha genes. Constitutive expression of IRF7 is largely restricted to lymphoid tissue, largely plasmacytoid dendritic cells, whereas IRF7 is inducible in many tissues. The IRF7 pathway was shown to be silenced in some metastatic breast cancer cell lines, which may help the cells avoid the host immune response.

Application

Western blot, ELISA, Gel-shift assay, Pull-down assay (upon removal of GSH), protein arrays

Purification method

Affinity chromatography.

Formulation

Buffered solution containing 10mM glutathion. 0.5mg/ml, degradation products may appear upon thawing.

Specificity

Binds to specific DNA elements.

Storage

-80C

**Analyte specific reagent (ASR) manufactured under ISO 13485.
Country of origin: Czech Republic**

