

Recombinant Human IRF3 Protein, C-Myc/DDK-tagged

Product Information

Cat	IMP-7662
Official Symbol	IRF3
Product Overview	Purified recombinant protein of Homo sapiens interferon regulatory factor 3 (IRF3), transcript variant 4 with a C-Myc/DDK tag was expressed in HEK293T.
Description	<i>This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein 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. The protein plays an important role in the innate immune response against DNA and RNA viruses. Mutations in this gene are associated with Encephalopathy, acute, infection-induced, herpes-specific, 7. [provided by RefSeq, Sep 2020]</i>
Expression System	HEK293T
Species	Human
Tag	C-Myc/DDK
Form	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
Molecular Mass	33.6 kDa
AA Sequence	MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRFRIPWKHGLRQDAQQ EDFGIFQAWAEATGAYVPGRDKPDLPWTKRNFERSALNRKEGLRLAEDRS KDPHDPHKIYEFVNSGVGDFSQPDTSPDTNNGGGSTSDTQEDILDELLGN MVLAPLPDPGPPSLAVAPEPCPQPLRSPSLDNPTFFPNLGPSENPLKRLL VPGEDLITFTEGSGRSPRYALWFCVGESWPQDQPWTKRLVMVKVVPTC LRALVEMARVGGASSLENTVDLHISNSHPLSLTSDQYKAYLQDLVEGMDF QGPGESTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 50 µg/mL as determined by microplate BCA method.