

Product information

Interferon regulatory factor 3, 1-112 aa

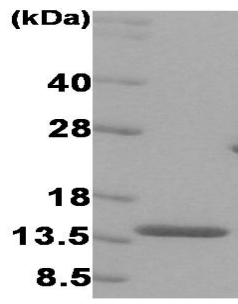
Human, Recombinant, *E.coli*

Cat. No. IBIRF0701

Synonyms: IRF3

NCBI Accession No.: NP_001562

Description: Members of the Interferon regulatory factor (IRF) family regulate gene expression critical to immune response, hemopoiesis, and proliferation. IRF-3 is a member of the IRF family, and is distinct from other family members. Its transcriptional activity is regulated solely by posttranslational modifications. It plays a crucial role in activation of innate immunity and inflammation in response to viral infection. Recombinant human IRF3 was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In Phosphate-buffered saline (pH 7.4)</p> <p>Molecular Weight: 13.0kDa (112aa), confirmed by MALDI-TOF</p> <p>Purity: > 95% by SDS - PAGE</p> <p>Concentration: 1 mg/ml (determined by Bradford assay)</p> <p>Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)</p>	 <p>(kDa)</p> <p>40</p> <p>28</p> <p>18</p> <p>13.5</p> <p>8.5</p> <p>15% SDS-PAGE (3µg)</p>
<p>Sequences of amino acids:</p> <p>MGTPKPRILP WLVSQDLGQ LEGVAWNKS RTRFRIPWKH GLRQDAQQED FGIFQAWAEA TGAYVPGRDK PDLPTWKRNF RSALNRKEGL RLAEDRSKDP HDPHKIYEFV NS</p>	

General references:

Pietila TE *et al.*, *J Immunol.* (2007) **178**(1):253-61

DeFilippis VR *et al.*, *J Virol.*, (2006) **80**(2):1032-7

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.