10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IRF3, human recombinant protein
Interferon regulatory factor-3
Catalog # PBV10947r

Specification

IRF3, human recombinant protein - Product info

Primary Accession	Q14653
Concentration	1
Calculated MW	13 kDa (112 aa, 1-112 aa), confirmed by MALDI-TOF. KDa

IRF3, human recombinant protein - Additional Info

Gene ID	3661
Gene Symbol	IRF3

Other Names
Interferon regulatory factor-3

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGTPKPRILP WLVSQLDLGQ LEGVAWVNKS RTRFRIPWKH GLRQDAQQED FGIFQAWAEA TGAYVPGRDK PDLPTWKRNF RSALNRKEGL RLAEDRSKDP HDPHKIYEFV NS

Target/Specificity
IRF3

Format
Liquid

Storage
-80°C; 1 mg/ml in Phosphate-buffered saline (pH 7.4).

IRF3, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IRF3, human recombinant protein - Images

IRF3, human recombinant protein - Background

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.

IRF3, human recombinant protein - References

Au W.W.-C.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:11657-11661(1995).
Tabata Y.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Grimwood J.,et al.Nature 428:529-535(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.