

Datasheet for ABIN7548539
IRF2 Protein (AA 1-349) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	IRF2
Protein Characteristics:	AA 1-349
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRF2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat IRF2 Protein expressed in mammalian cells.
Sequence:	MPVERMRMRP WLEEQINSNT IPGLKWLNKE KKIFQIPWMH AARHGWDVEK DAPLFRNWA HTGKHQPGVD KPDPKTWKAN FRCAMNSLPD IEEVKDKSIK KGNNAFRVYR MLPLSERPSK KGKKPKTEKE DKVKHIKQEP VESSLGLSNG VSDLSPEYAV LTSTIKNEVD STVNIIVVGQ SHLDSNIENQ EIVTNPPDIC QVVEVTTESD EQPVSMSELY PLQISPVSSY AESETTDSVP SDEESAEGRP HWRKRNIEGK QYLSNMGTRG SYLLPGMASF VTSNKPDLQV TIKEESNPVP YNSSWPPFQD LPLSSSMTPA SSSSRPDRET RASVIKKTSD ITQARVKSC Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: IRF2

Alternative Name: IRF2 ([IRF2 Products](#))

Background: Interferon regulatory factor 2 (IRF-2),FUNCTION: Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation. {ECO:0000269|PubMed:12738767, ECO:0000269|PubMed:15226432, ECO:0000269|PubMed:18514056, ECO:0000269|PubMed:9540062}.

Molecular Weight: 39.4 kDa

UniProt: [P14316](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies

Application Details

	as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
---------	--------

Buffer:	The buffer composition is at the discretion of the manufacturer.
---------	--

Handling Advice:	Avoid repeated freeze-thaw cycles.
------------------	------------------------------------

Storage:	-80 °C
----------	--------

Storage Comment:	Store at -80°C.
------------------	-----------------

Expiry Date:	12 months
--------------	-----------