

Datasheet for ABIN7548382

Interferon Regulatory Factor 2 Binding Protein-Like (IRF2BPL) (AA 1-796) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Interferon Regulatory Factor 2 Binding Protein-Like (IRF2BPL)
Protein Characteristics:	AA 1-796
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat IRF2BPL Protein expressed in mammalian cells.
Sequence:	<p>MSAAQVSSSR RQSCYLCDLP RMPWAMIWDF SEPVCRGCVN YEGADRIEFV IETARQLKRA</p> <p>HGCFQDGRSP GPPPPVGKVT VALSAKEAAA AAAAAAAAAA AAQQQQQQQQ QQQQQQQQQQ</p> <p>QQQQQQQLNH VDGSSKPAVL AAPSGLERYG LSAAAAAAAA AAAAVEQRSR FEYPPPPVSL</p> <p>GSSSHTARLP NGLGGPNGFP KPTPEEGPPE LNRQSPNSSS AAASVASRRG THGGLVTGLP</p> <p>NPGGGGGPQL TVPPNLLPQT LLNGPASAASV LPPPPPHALG SRGPPTPAPP GAPGGPACLG</p> <p>GTPGVSATSS SASSSTSSSV AEVGVGAGGK RPGSVSSTDQ ERELKEKQRN AEALAESES</p> <p>LRNRAEEWAS KPKMVRDTLL TLAGCTPYEV RFKKDHSLG RVFAFDAVSK PGMDYELKLF</p> <p>IEYPTGSGNV YSSASGVAQ MYQDCMKDFG RGLSSGFKYL EYEKKHGS GD WRLGDLLE</p> <p>AVRFFKEGVP GADMLPQPYL DASCPLPTA LVSLSRAPSA PPGTGALPPA APSGRGAAAS</p> <p>LRKRKASPEP PDSAEGALKL GEEQQRQQWM ANQSEALKLT MSAGGFAAPG HAAGGPPPPP</p> <p>PPLGPHSNRT TPESAPQNG PSPMAALMSV ADTLGTAHSP KDGSSVHSTT ASARRNSSSP</p>

Product Details

VSPASVPGQR RLASRNGDLN LQVAPPPPSA HPGMDQVHPQ NIPDSPMANS GPLCCTICHE
RLEDTHFVQC PSVPSHKFCF PCSRESIKAQ GATGEVYCPS GEKCPLVGSN VPWAFMQGEI
ATILAGDVKV KKERDP **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:

- 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:

Interferon Regulatory Factor 2 Binding Protein-Like (IRF2BPL)

Alternative Name:

IRF2BPL ([IRF2BPL Products](#))

Background:

Probable E3 ubiquitin-protein ligase IRF2BPL (EC 2.3.2.27) (Enhanced at puberty protein 1) (Interferon regulatory factor 2-binding protein-like),FUNCTION: Probable E3 ubiquitin protein ligase involved in the proteasome-mediated ubiquitin-dependent degradation of target proteins (PubMed:29374064). Through the degradation of CTNNB1, functions downstream of FOXF2 to negatively regulate the Wnt signaling pathway (PubMed:29374064). Probably plays a role in the development of the central nervous system and in neuronal maintenance (Probable). Also acts as a transcriptional regulator of genes controlling female reproductive function. May play a role in gene transcription by transactivating GNRH1 promoter and repressing PENK promoter (By

Target Details

similarity). {ECO:0000250|UniProtKB:Q5EIC4, ECO:0000269|PubMed:29374064, ECO:0000305|PubMed:17334524, ECO:0000305|PubMed:29374064, ECO:0000305|PubMed:30057031}.

Molecular Weight: 82.7 kDa

UniProt: [Q9H1B7](#)

Application Details

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