

Datasheet for ABIN7556498
E2F2 Protein (AA 1-443) (His tag)



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Overview

Quantity:	1 mg
Target:	E2F2
Protein Characteristics:	AA 1-443
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This E2F2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant E2f2 Protein expressed in mammalian cells.
Sequence:	<p>MLRAPRTLAP ATAQPTKSLP ALNPTELWPS GLSSPQLCPA TTATTYYTSL YTQTVPSSVA LGTCLDAPH GPEGQIVRCA PAGRLPAKRK LDLEGIGRPT VPEFRTPKGK CIRVDGLPSP KTPKSPGEKT RYDTSGLLLT KKFYLLSES EDGVLNLNWA AEVLDVQKRR IYDITNVLEG IQLIRKSKN NIQWVGRELF EDPTRPSRQQ QLQELKELM NAEQTLDQLI QSCSLSFKHL TEDNANKKLA YVTYQDIRAV GNFKEQTVIA VKAPPQTRLE VPDRAEENLQ IYLKSTQGPI EVYLCPEEQ EPDSPAKEAL PSTSALSPIP DCAQPGCSTD SGIAETIEPS VLIPQPIPPP PPPLPPAPS LVPLEATDNM LELSHPLLQ TEDQFLSPIL AANSPLISFS PPLDQDEYLW GMDEGEGISD LFDSYDLGDL LIN 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

E2F2

Alternative Name:

E2f2 ([E2F2 Products](#))

Background:

Transcription factor E2F2 (E2F-2),FUNCTION: Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F2 binds specifically to RB1 in a cell-cycle dependent manner.

Molecular Weight:

48.5 kDa

UniProt:

[P56931](#)

Pathways:

[Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

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