

Datasheet for ABIN7562294
E2F3 Protein (AA 1-457) (His tag)



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Overview

Quantity:	1 mg
Target:	E2F3
Protein Characteristics:	AA 1-457
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This E2F3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant E2f3 Protein expressed in mammalian cells.
Sequence:	<p>MRKGIQPALE QYLVTAGGGE GAAVVAAAAA ASMDKRALLA SPGFAAAAAP GTYIQILTTN</p> <p>PSTTSCATSL QSGALTAGPL LPSVPGTEPA ASSLYTTPQG PSSRVGLLQQ PPAPGRGGGG</p> <p>GPPAKRRLEL GESGHQYLSL GLKTPKGKGR AALRSPDSPK TPKSPSEKTR YDTSGLLLTK</p> <p>KFIQLLSQSP DGVLDLNKAA EVLKVQKRRI YDITNVLEGI HLIKKKSKNN VQWMGCSLSE</p> <p>DGGMLAQCCG LSKEVTELSQ EEKLDLELIQ SCTLDLKLLT EDSNQRLAY VTYQDIRKIS</p> <p>GLKDQTVIVV KAPPETRLEV PDSIESLQIH LASTQGPIEV YLCPEETETH RPMKTNNQDH</p> <p>NGNIPKPTSK DLASNNSGHS DCSVSTANLS PLASPANLLQ QTEDQIPSNL EGPFVNLLPP</p> <p>LLQEDYLLSL GEEEGISDLF DAYDLEKLPL VEDFMCS</p> <p>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

Product Details

isoform, please contact us regarding an individual offer.

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:

E2F3

Abstract:

[E2F3 Products](#)

Background:

Transcription factor E2F3 (E2F-3),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. E2F3 binds specifically to RB1 in a cell-cycle dependent manner. Inhibits adipogenesis, probably through the repression of CEBPA binding to its target gene promoters (PubMed:20176812). {ECO:0000269|PubMed:20176812}.

Molecular Weight:

48.8 kDa

UniProt:

[O35261](#)

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.
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