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Datasheet for ABIN7555036

POU2F1 Protein (AA 1-743) (His tag)

Overview

Quantity:	1 mg
Target:	POU2F1
Protein Characteristics:	AA 1-743
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU2F1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POU2F1 Protein expressed in mammalian cells.
Sequence:	MNNPSETSKP SMESGDGNTG TQTNGLDFQK QPVPVGGAIS TAQAQAF LGH LHQVQLAGTS LQAAAQSLNV QSKSNEESGD SQQPSQPSQQ PSVQAAIPQT QLMLAGGQIT GLTLTPAQQQ LLLQQAQAQA QLLAAAVQQH SASQQHSAAG ATISASAA TP MTQIPLSQPI QIAQDLQQLQ QLQQQNLNLQ QFVLVHPTTN LQPAQFIISQ TPQGQQGLLQ AQNLLTQLPQ QSQANLLQSQ PSITLTSQPA TPTRTIAATP IQTLPQSQST PKRIDTPSLE EPSDLEELEQ FAKTFKQRRR KLGFTQGDVG LAMGKLYGND FSQTTISRFE ALNLSFKNMC KKKPLLEKWL NDAENLSSDS SLSSPSALNS PGIEGLSRRR KKRTSIETNI RVALEKSFLE NQKPTSEEIT MIADQLNMEK EVIRVWFCNR RQKEKRINPP SSGGTSSSPI KAIFPSPTSL VATTPLSVTS SAATTLTVSP VLPLTSAAVT NLSVTGTS DT TSNNTATVIS TAPPASSAVT SPSLSPSPA SASTSEASSA SETSTTQTTS TPLSSPLGTS QVMVTASGLQ TAAAAALQGA AQLPANASLA AMAAAAAGLNP SLMAPSQFAA GGALLSLNPG TLSGALSPAL MSNSTLATIQ ALASGGSLPI TSLDATGNLV FANAGGAPNI VTAPLFLNPQ NLSLLTSNPV SLVSAASA GNSAPVASLH ATSTSAESIQ

Product Details

NSLFTVASAS GAASTTTTAS KAQ **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.**

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.

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: POU2F1

Alternative Name: POU2F1 ([POU2F1 Products](#))

Background: POU domain, class 2, transcription factor 1 (NF-A1) (Octamer-binding protein 1) (Oct-1) (Octamer-binding transcription factor 1) (OTF-1),FUNCTION: Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR. {ECO:0000269|PubMed:10480874, ECO:0000269|PubMed:1684878, ECO:0000269|PubMed:7859290},. FUNCTION: (Microbial infection) In case of human herpes simplex virus (HSV) infection, POU2F1 forms a multiprotein-DNA complex with the viral

Target Details

transactivator protein VP16 and HCFC1 thereby enabling the transcription of the viral immediate early genes. {ECO:0000305|PubMed:12826401}.

Molecular Weight: 76.5 kDa

UniProt: [P14859](#)

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