

Datasheet for ABIN7562967
HNF1A Protein (AA 1-628) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | HNF1A |
| Protein Characteristics: | AA 1-628 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HNF1A protein is labelled with His tag. |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinant Hnf1a Protein expressed in mammalian cells. |
| Sequence: | MVSKLSQLQT ELLAALLESGLSKEALIQALGEPGPYLMVGEPLDKGESC GGSRGDLTEL PNLGETRGS EDDTDDGDGED FAPPILKELE NLSPEEAHQ KAVVESLLQE DPWRVAKMVK SYLQQHNIPQ REVVDTTGLN QSHLSQHNLNK GTPMKTQKRA ALYTWYVRKQ REVAQQFTHA GQGGLEIEPT GDELPTKKGR RNRFKWGPAS QQILFQAYER QKNPSKEERE TLVEECNRAE CIQRGVSPSQ AQGLGSNLVT EVRVYNWFAN RRKEEAFRHK LAMDTYNGPP PGPGPALP AHSSPGLPTT TLSPSKVHGV RYGQSATSEA AEPSSSGGP LTVSAAALHQ VSPTGLEPSS LLSTEAKLVS ATGGPLPPVS TLTALHSLEQ TSPGLNQQPQ NLIMASLPGV MTIGPGEPAS LGPTFTNTGA STLVIGLAST QAQSVPVINS MGSSLTTLQP VQFSQPLHPS YQQPLMPPVQ SHVAQSPFMA TMAQLQSPHA LYSHKPEVAQ YTHTSLLPQT MLITDTNLST LASLTPTKQV FTSDTEASSE PGLHEPPSPA TTIHIPSQDP SNIQHLQPAH RLSTSPTVSS SSLVLYQSSD SNGHSHLLPS NHSVIETFIS TQMASSSQ Sequence without tag. The proposed Purification- Tag is based on experiences with the expression system, a different complexity of the |

Product Details

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: HNF1A

Alternative Name: Hnf1a ([HNF1A Products](#))

Background: Hepatocyte nuclear factor 1-alpha (HNF-1-alpha) (HNF-1A) (Liver-specific transcription factor LF-B1) (LFB1) (Transcription factor 1) (TCF-1),FUNCTION: Transcriptional activator that regulates the tissue specific expression of multiple genes, especially in pancreatic islet cells and in liver (PubMed:19289501). Binds to the inverted palindrome 5'-GTTAATNATTAAC-3' (PubMed:10966642). Activates the transcription of CYP1A2, CYP2E1 and CYP3A11 (PubMed:30555544). {ECO:0000269|PubMed:10966642, ECO:0000269|PubMed:19289501, ECO:0000269|PubMed:30555544}.

Molecular Weight: 67.3 kDa

Target Details

UniProt: [P22361](#)

Pathways: [Hormone Transport, Carbohydrate Homeostasis](#)

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
