

Datasheet for ABIN7547382
ENC1 Protein (AA 1-589) (His tag)



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Overview

Quantity:	1 mg
Target:	ENC1
Protein Characteristics:	AA 1-589
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ENC1 Protein expressed in mammalian cells.
Sequence:	<p>MSVSVHENRK SRASSGSINI YLFHKSSYAD SVLTHLNLLR QQRLFTDVLL HAGNRTFPCH RAVLAACSRV FEAMFSGGLK ESQDSEVNFD NSIHPEVLEL LLDYAYSSRV IINEENAESL LEAGDMLEFQ DIRDACAEFL EKNLHPTNCL GMLLLSDAHQ CTKLYELSWR MCLSNFQTIR KNEDFLQLPQ DMVVQLLSSE ELETEDERLV YESAINWISY DLKKRYCYLP ELLQTVRLAL LPAIYLMENV AMEELITKQR KSKEIVVEAI RCKLKILQND GVVTSLCARP RKTGHALFLL GGQTFMCDKL YLVDQKAKEI IPKADIPSPR KEFSACAIGC KVIYTGGRGS ENGVS KDVVV YDTLHEEWSK AAPMLVARFG HGSAELKHCL YVVGGHATAAT GCLPASPSVS LKQVEHYDPT INKWTMVAPL REGVSNAADV SAKLKLFAFG GTSVSHDKLP KVQCYDQCEN RWTVPATCPQ PWRYTAAAVL GNQIFIMGGD TEFSACSAYK FNSETYQWTK VGDVTAKRMS CHAVASGNKL YVVGGYFGIQ RCKTLDCYDP TLDVWNSITT VPYSLIPTAF VSTWKHLPS Sequence without tag.</p> <p>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</p>

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: ENC1

Alternative Name: ENC1 ([ENC1 Products](#))

Background: Ectoderm-neural cortex protein 1 (ENC-1) (Kelch-like protein 37) (Nuclear matrix protein NRP/B) (p53-induced gene 10 protein),FUNCTION: Actin-binding protein involved in the regulation of neuronal process formation and in differentiation of neural crest cells. Down-regulates transcription factor NF2L2/NRF2 by decreasing the rate of protein synthesis and not via a ubiquitin-mediated proteasomal degradation mechanism. {ECO:0000269|PubMed:19424503}.

Molecular Weight: 66.1 kDa

UniProt: [O14682](#)

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.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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