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Datasheet for ABIN7549892

C4orf14 Protein (AA 1-698) (His tag)

Overview

Quantity:	1 mg
Target:	C4orf14
Protein Characteristics:	AA 1-698
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C4orf14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat NOA1 Protein expressed in mammalian cells.
Sequence:	MLPARLPFRL LSLFLRGSAP TAARHGLREP LLERRCAAAS SFQHSSSLGR ELPYDPVDTE GFGEGGDMQE RFLFPEYILD PEPQPTREKQ LQELQQQEE EERQRQQRRE ERRQQLRAR SREHPVVGHP DPALPPSGVN CSGCGAELHC QDAGVPGYLP REKFLRTAEA DGGLARTVCQ RCWLLSHHRR ALRLQVSREQ YLELVSAALR RGPSSLVLYM VDLLDLPDAL LPDLPALVGP KQLIVLGNKV DLLPQDAPGY RQRLRERLWE DCARAGLLLA PGHQGPQRPV KDEPDGENP NPPNWSRTVV RDVRLISAKT GYGVEELISA LQRSWRYRGD VYLVGATNAG KSTLFNTLLE SDYCTAKGSE AIDRATISPW PGTTLNLLKF PICNPTPYRM FKRHQRLKGD STQAEEDLSE QEQNLNVLK KHGYVVGVRVG RTFLYSEEKQ DNIPFEFDAD SLAFDMENDP VMGTHKSTKQ VELTAQDVKD AHWFYDTPGI TKENCILNLL TEKEVNIVLP TQSIVPRTFV LKPGMVLFLG AIGRIDFLQG NQSAWFTVVA SNILPVHITS LDRADALYQK HAGHTLLQIP MGGKERMAGF PPLVAEDIML KEGLGASEAV ADIKFSSAGW VSVTPNFKDR LHLRGYTP EG TVLTVRPLL

Product Details

PYIVNIKGQR IKKSVAYKTK KPPSLMYNVR KKKGKINV **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

C4orf14

Alternative Name:

NOA1 ([C4orf14 Products](#))

Background:

Nitric oxide-associated protein 1,FUNCTION: Involved in regulation of mitochondrial protein translation and respiration. Plays a role in mitochondria-mediated cell death. May act as a scaffolding protein or stabilizer of respiratory chain supercomplexes. Binds GTP. {ECO:0000269|PubMed:19103604}.

Molecular Weight:

78.5 kDa

UniProt:

[Q8NC60](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
