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Datasheet for ABIN7544749

C4ORF23 Protein (AA 1-757) (His tag)

Overview

Quantity:	1 mg
Target:	C4ORF23 (METTL19)
Protein Characteristics:	AA 1-757
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C4ORF23 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TRMT44 Protein expressed in mammalian cells.
Sequence:	MAEVGRTGIS YPGALLPQGF WAAVEVWLER PQVANKRLCG ARLEARWSAA LPCAEARGPG TSAGSEQKER GPGPGQGSPG GPGGPRSLSG PEQGTACCEL EEAQGQCQQE EAQREAASVP LRDSGHPGHA EGREGDFPAA DLDSLWEDFS QSLARGNSEL LAFLTSSGAG SQPEAQRELD VVLRTVIPKT SPHCPLTPR REIVVQDVLN GTITFLPLEE DDEGNLKV KM SNVYQIQLSH SKEEFISVL IFCPERWHS D GIVYPKPTWL GEELLAKLAK WSVENKKSDF KSTLSLISIM KYSKAYQELK EKYKEMVKVW PEVTDPEKFV YEDVAIAAYL LILWEEERAE RRLTARQSFV DLGCGNGLLV HILSSEGHPG RGIDVRRRKI WDMYGPQTQL EEDAITPNDK TLFPDVDWLI GNHSDDELTPW IPVIAARSSY NCRFFVL PCC FDFFIGRYSR RQSKKTQYRE YLDFIKEVGF TCGFHVDEDC LRIPSTKRVC LVGKSRTYPS SREASVDEKR TQYIKSRRGC PVSPPGWELS PSPRWVAAGS AGHCDGQQAL DARVGCVTRA WAAEHGAGPQ AEGPWLPGFH PREKAERVRN CAALPRDFID QVVLQVANLL LGGKQLNTRS SRNGSLKTWN GGESLSLAEV ANELDTETLR

Product Details

RLKRECGGLQ TLLRNSHQVF QVVNGRVHIR DWREETLWKT KQPEAKQRLI SEACKTRLCW
FFMHHDPGCA LSTDCCPFAH GPAELRPPRT TPRKKIS **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:

C4ORF23 (METTL19)

Alternative Name:

TRMT44 ([METTL19 Products](#))

Background:

Probable tRNA (uracil-O(2)-)-methyltransferase (EC 2.1.1.211) (Methyltransferase-like protein 19),FUNCTION: Probable adenosyl-L-methionine (AdoMet)-dependent tRNA (uracil-O(2)-)-methyltransferase. {ECO:0000250}.

Molecular Weight:

84.6 kDa

UniProt:

[Q8IYL2](#)

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
