

Datasheet for ABIN7562163
C11ORF80 Protein (AA 1-579) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	C11ORF80
Protein Characteristics:	AA 1-579
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C11ORF80 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Top6bl Protein expressed in mammalian cells.
Sequence:	MERTALAVCE ILRYLIHWK CEAGTAKGTL LDGQLVISIE ALRSKHL PDS LHCIIIAST RSVYGG LNFK KFLQEIQPAL PRLSAKLALA SEEGGRSQDA SGIAPCQVTF EVDENSQSLM TDCLVIKHFL RKIIIVHHLK KFSFSVAVNG TLSAETFGAE NEPTLR LDNG VTLVVG FQRY VSKPKLNWSE AHCSRIHPVL GHPAPLFIPD AKADTGLLGE LTLTPAAALC PSPKGFSSQL CRISSVSIFL YGPLGLPLLS SDQDQPSTAV FRDTSYFIDW KKYNFLMVPN LDNLNLTQSV LPDVNYKAES PEGNQSQNMN AQGPALLFL VFDFQSDVPV QQAKIWGLHT LLTAHLSAIL SESRSTVQQS IQSAVDQVWQ LYHHD AKTQQ RLQASLSVAV NSIMSVLTGS TRSSFRTCL QALEAADTQE FGVKLRIFY DITQHQLKH CSCDTEQHLT PEKNISAQNT KDQHKNIAQE FPEESIGQAE NKRPKRGSPN HGREESRVLG SARDRSPPKS ATRDRELTEV SLTARGSQTQ AAHGAAQAAE AASPAGGLED LWLQEVSNLS EWLNP GHRS 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

Product Details

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: C11ORF80

Alternative Name: Top6bl ([C11ORF80 Products](#))

Background: Type 2 DNA topoisomerase 6 subunit B-like (TOP6B like initiator of meiotic double strand breaks) (Type 2 DNA topoisomerase VI subunit B-like) (TOPOVIBL),FUNCTION: Component of a topoisomerase 6 complex specifically required for meiotic recombination. Together with SPO11, mediates DNA cleavage that forms the double-strand breaks (DSB) that initiate meiotic recombination. The complex promotes relaxation of negative and positive supercoiled DNA and DNA decatenation through cleavage and ligation cycles. {ECO:0000269|PubMed:26917764}.

Molecular Weight: 63.8 kDa

UniProt: [J3QMY9](#)

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
