

Datasheet for ABIN7544440  
**TIPRL Protein (AA 1-272) (His tag)**



[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | TIPRL  |
| Protein Characteristics:      | AA 1-272                                     |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This TIPRL protein is labelled with His tag. |

## Product Details

|                  |   |
|------------------|---|
| Purpose:         | Custom-made recombinant TIPRL Protein expressed in mammalian cells.   |
| Sequence:        | MMIHGFQSSH RDFCFGPWKL TASKTHIMKS ADVEKLADEL HMPSLPEMMF GDNVLRIQHG<br>SGFGIEFNAT DALRCVNNYQ GMLKVACAE WQESRTEGEH SKEVIKPYDW TYTTDYKGTL<br>LGESLKLKVV PTTDHIDTEK LKAREQIKFF EEVLLFEDEL HDHGVSSLSV KIRVMPSSFF<br>LLLRFFLRID GVLIRMNDTR LYHEADKTYM LREYTSRESK ISSLMHVPPS LFTEPNEISQ<br>YLPKEAVCE KLIFPERIDP NPADSQKSTQ VE <b>Sequence without tag. The proposed<br/>Purification-Tag is based on experiences with the expression system, a different complexity<br/>of the protein could make another tag necessary. In case you have a special request, please<br/>contact us.</b> |
| 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:   |

## Product Details

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- 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.

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|         |   |
|---------|---|
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade:  | custom-made   |

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## Target Details

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|                   |  |
|-------------------|--|
| Target:           | TIPRL  |
| Alternative Name: | TIPRL ( <a href="#">TIPRL Products</a> )   |
| Background:       | <p>TIP41-like protein (Putative MAPK-activating protein PM10) (Type 2A-interacting protein) (TIP),FUNCTION: May be a allosteric regulator of serine/threonine-protein phosphatase 2A (PP2A). Isoform 1 inhibits catalytic activity of the PP2A(D) core complex in vitro. The PP2A(C):TIPRL complex does not show phosphatase activity. Acts as a negative regulator of serine/threonine-protein phosphatase 4 probably by inhibiting the formation of the active PPP4C:PPP4R2 complex, the function is proposed to implicate it in DNA damage response by promoting H2AX phosphorylated on Ser-140 (gamma-H2AX). May play a role in the regulation of ATM/ATR signaling pathway controlling DNA replication and repair.</p> <p>{ECO:0000269 PubMed:17384681, ECO:0000269 PubMed:26717153}.</p> |
| Molecular Weight: | 31.4 kDa   |
| UniProt:          | <a href="#">O75663</a>   |

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## Application Details

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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

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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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