

Datasheet for ABIN7560996

## Ethanolamine Kinase 1 Protein (ETNK1) (AA 1-363) (His tag)



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### Overview

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| Quantity:                     | 1 mg                                                         |
| Target:                       | Ethanolamine Kinase 1 (ETNK1)                                |
| Protein Characteristics:      | AA 1-363                                                     |
| Origin:                       | Mouse                                                        |
| Source:                       | HEK-293 Cells                                                |
| Protein Type:                 | Recombinant                                                  |
| Purification tag / Conjugate: | This Ethanolamine Kinase 1 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)                        |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Custom-made recombinat Etnk1 Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence:        | <p>MANYIHVPPG SPEVPKLDVT VQDQEEQRCR DGALSLLRHL RPHWDPREVT LQLFTDGITN<br/>         KLIACYVGDT MEDVVLVRIY GNKTELLVDR DEEVKSFRVL QAHGCAPQLY CTFNNGLCYE<br/>         FIQGEALDPQ HVCNPAIFRL IARQLAKIHA IAHNGWIPK SNLWLKMGKY FSLIPTGFAD<br/>         ENINKRFLSE IPSPQLLQEE MTWMKELLSS LGSPVVLCHN DLLCKNIIYN EKQGDVQFID<br/>         YEYSGYNYLA YDIGNHFNEF AGVSDVDYSL YPDRELQGQW LRSYLEAYKE YKGFSGSDVTE<br/>         KEVETLFIQV NQFALASHFF WGLWALIAK YSTIEFDLFG YAVVRFNQYF KMKPEVTALK MPE</p> <p><b>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.</b></p> |
| 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.

|         |                                                     |
|---------|-----------------------------------------------------|
| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
|---------|-----------------------------------------------------|

|        |             |
|--------|-------------|
| Grade: | custom-made |
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## Target Details

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|         |                               |
|---------|-------------------------------|
| Target: | Ethanolamine Kinase 1 (ETNK1) |
|---------|-------------------------------|

|                   |                                          |
|-------------------|------------------------------------------|
| Alternative Name: | Etnk1 ( <a href="#">ETNK1 Products</a> ) |
|-------------------|------------------------------------------|

|             |                                                                                                                                                                                                                  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Ethanolamine kinase 1 (EKI 1) (EC 2.7.1.82),FUNCTION: Highly specific for ethanolamine phosphorylation. May be a rate-controlling step in phosphatidylethanolamine biosynthesis. {ECO:0000250 UniProtKB:Q9HBU6}. |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |          |
|-------------------|----------|
| Molecular Weight: | 42.0 kDa |
|-------------------|----------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9D4V0</a> |
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## Application Details

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| 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. |
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|               |                       |
|---------------|-----------------------|
| 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                                                        |