

Datasheet for ABIN7548860  
**KIF25 Protein (AA 1-384) (His tag)**



[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | KIF25  |
| Protein Characteristics:      | AA 1-384                                     |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This KIF25 protein is labelled with His tag. |

## Product Details

|                  |  |
|------------------|--|
| Purpose:         | Custom-made recombinant KIF25 Protein expressed in mammalian cells.  |
| Sequence:        | MTWTSGQLQR EKQARPGSGA VLAFPDDKDL RYVGPAESQS AVFGDVCPLL TSLLDGYNVC<br>VMAYGQTGSG KSYTMLGRHS DDGPVLPDP QSDLGIIPRV AEELFRLILE NTSRSPKVEV<br>SIVEVYNNDI FDLLAKDSIA AVSGVKREV TAKDGRTEVA LLASEAVGSA SKLMELVHGG<br>LQLRAKHPTL VHADSSRSHL IITVTLTTAS CSDSTADQAC SATLPREQTE AGRAGRSRRA<br>SQGALAPQLV PGNPAGHAEQ VQARLQLVDS AGSECVGVSG VTGLALREMA CISRSLAALA<br>GVLGALLEHR GHAPYRNSRL THLLQDCLGG DAKLLVILCI SPSQRHLAQT LQGLGFGIRA<br>RQVQRGPARK KPPSSQTEGK RRPD <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> |
| 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

---

- 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: | KIF25 |
|---------|-------|

---

|                   |  |
|-------------------|--|
| Alternative Name: | KIF25 ( <a href="#">KIF25 Products</a> ) |
|-------------------|--|

---

|             |   |
|-------------|---|
| Background: | Kinesin-like protein KIF25 (Kinesin-like protein 3),FUNCTION: Minus-end microtubule-dependent motor protein (By similarity). Acts as a negative regulator of centrosome separation required to prevent premature centrosome separation during interphase (PubMed:28263957). Required to maintain a centered nucleus to ensure that the spindle is stably oriented at the onset of mitosis (PubMed:28263957). May also act as a negative regulator of amino acid starvation-induced autophagy (PubMed:22354037). {ECO:0000250 UniProtKB:Q4R918, ECO:0000269 PubMed:22354037, ECO:0000269 PubMed:28263957}. |
|-------------|---|

---

|                   |          |
|-------------------|----------|
| Molecular Weight: | 40.7 kDa |
|-------------------|----------|

---

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9UIL4</a> |
|----------|------------------------|

---

## 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. |
|--------------------|---|

---

## Application Details

---

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