

Datasheet for ABIN7553757

## Dynamin 3 Protein (DNM3) (AA 1-869) (His tag)



[Go to Product page](#)

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | Dynamin 3 (DNM3)                                 |
| Protein Characteristics:      | AA 1-869   |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                    |
| Protein Type:                 | Recombinant                                      |
| Purification tag / Conjugate: | This Dynamin 3 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB)            |

### Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinat DNM3 Protein expressed in mammalian cells.   |
| Sequence: | <p>MGNREMEELI PLVNRLQDAF SALGQSCLE LPQIAVVGQ SAGKSSVLEN FVGRDFLPRG</p> <p>SGIVTRRPLV LQLVTSKAEY AEFLHCKGKK FTDDEVRL IEAETDRVTG MNKGISSIPI</p> <p>NLRVYSPHVL NLTLDLPGI TKVPVGDQPP DIEYQIREMI MQFITRENCL ILAVTPANTD</p> <p>LANSDALKLA KEVDPQGLRT IGVTIKLDLM DEGTDARDVL ENKLLPLRRG YVGVVNRSQK</p> <p>DIDGKKDIKA AMLAERKFFL SHPAYRHIAD RMGTPHLQKV LNQQLTNHIR DTLPNFRNKL</p> <p>QGQLLSIEHE VEAYKNFKPE DPTRKTKALL QMVQQFAVDF EKRIEGSGDQ VDTLELSGGA</p> <p>KINRIFHERF PFEIVKMEFN EKELRREISY AIKNIHGIRT GLFTPDMAFE AIVKKQIVKL</p> <p>KGPSLKSVDL VIQELINTVK KCTKKLANFP RLCEETERIV ANHIREREGK TKDQVLLIID</p> <p>IQVSYINTNH EDFIGFANAQ QRSSQVHKKT TVGNQGTNLP PSRQIVIRKG WLTISNIGIM</p> <p>KGGSKGYWV LTAESLSWYK DDEEKEKKYM LPLDNLKVRD VEKSFMSKSKH IFALFNTEQR</p> <p>NVYKDYRFLE LACDSQEDVD SWKASLLRAG VYPDKSVAEN DENGQAENFS MDPQLERQVE</p> |

TIRNLVDSYM SIINKCIRDL IPKTIMHLM I NNVKDFINSE LLAQLYSSD QNTLMEESEAE  
QAQRREMLR MYQALKEALG IIGDISTATV STPAPPPVDD SWIQHSRRSP PPSPTTQRRP  
TLSAPLARPT SGRGPAPAIP SPGPHSGAPP VPFRPGPLPP FPSSSDSFGA PPQVPSRPTR  
APPSVPSRRP PPSPTRPTII RPLESSLLD **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: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p> |
|------------------|---|

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

Target Details

|                   |  |
|-------------------|--|
| Target:           | Dynamin 3 (DNM3)   |
| Alternative Name: | DNM3 ( <a href="#">DNM3 Products</a> )   |
| Background:       | Dynamin-3 (EC 3.6.5.5) (Dynamin, testicular) (T-dynamin),FUNCTION: Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes, in particular endocytosis (By similarity). {ECO:0000250}. |
| Molecular Weight: | 97.7 kDa   |
| UniProt:          | <a href="#">Q9UQ16</a>   |

## Target Details

Pathways: [Toll-Like Receptors Cascades](#)

## 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  |