

Datasheet for ABIN7554365

KLHL13 Protein (AA 1-655) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | KLHL13 |
| Protein Characteristics: | AA 1-655 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This KLHL13 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|---|
| Purpose: | Custom-made recombinat KLHL13 Protein expressed in mammalian cells. |
| Sequence: | <p>MPLKWKTSPP AIWKFPVPVL KTSRSTPLSP AYISLVEEED QHMKLSLGGG EMGLSSHLQS</p> <p>SKAGPTRIFT SNTHSSVVLQ GFDQLRLEGL LCDVTLMPGD TDDAFPVHRV MMASASDYFK</p> <p>AMFTGGMKEQ DLMCIKLHGV SKVGLRKIID FIYTAKLSLN MDNLQDTLEA ASFLQILPVL</p> <p>DFCKVFLISG VTLDNCVEVG RIANYNLTE VDKYVNSFVL KNFPALLSTG EFLKLPFERL</p> <p>AFVLSSNSLK HCTELELFKA TCRWLRLEEP RMDFAAKLMK NIRFPLMTPQ ELINYVQTV</p> <p>FMRTDNTCVN LLEASNYQM MPYMQPVMQS DRTAIRSDTT HVLTLGGVLR QQLVVSKELR</p> <p>MYDEKAHEWK SLAPMDAPRY QHGIIVGNF LYVVGGSQSNY DTKGKTAVDT VFRFDPRYNK</p> <p>WMQVASLNEK RTFFHLSALK GYLYAVGGRN AAGELPTVEC YNPRTNEWTY VAKMSEPHYG</p> <p>HAGTVYGGVM YISGGITHDT FQKELMCFDP DTDKWIQKAP MTTVRGLHCM CTVGERLYVI</p> <p>GGNHFRGTSD YDDVLSCEYY SPILDQWTPI AAMLRGQSDV GVAVFENKIY VVGGSWNNR</p> <p>CMVEIVQKYD PDKDEWHKVF DLPESLGGIR ACTLTVFPPE ETPSPSPRES PLSAP Sequence</p> |

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">• 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). <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: | KLHL13 |
| Alternative Name: | KLHL13 (KLHL13 Products) |
| Background: | <p>Kelch-like protein 13 (BTB and kelch domain-containing protein 2),FUNCTION: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for mitotic progression and cytokinesis. The BCR(KLHL9-KLHL13) E3 ubiquitin ligase complex mediates the ubiquitination of AURKB and controls the dynamic behavior of AURKB on mitotic chromosomes and thereby coordinates faithful mitotic progression and completion of cytokinesis. {ECO:0000269 PubMed:14528312, ECO:0000269 PubMed:17543862, ECO:0000269 PubMed:19995937}.</p> |
| Molecular Weight: | 73.9 kDa |
| UniProt: | Q9P2N7 |

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 |