

Datasheet for ABIN7557530
GAS2L2 Protein (AA 1-860) (His tag)



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Overview

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|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | GAS2L2 |
| Protein Characteristics: | AA 1-860 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GAS2L2 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB) |

Product Details

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| Purpose: | Custom-made recombinat Gas2l2 Protein expressed in mammalian cells. |
| Sequence: | MSQHVGHGRR PRTPGPPVRS IRPFKSSEQY LEAMKEDLAE WLRDLYGLDI DADNFLRVLE TGLVLCRHHAN TVTEAALAFL AEAPERAQKI PMPQAGVFCN GAAQPGTFQA RDNISNFIQW CRKEMGIQEV LMFETEDLVL RKNVKSIVLC LLELGRRRAWR FGVAAPALVH LEEEIDEELR RDLALPSPDP PPPIPPARRP CHFHNLDQMV QSLVSHCTCP VQFSMVKISE GKYRVGDSNT LIFIRILRSH VMVRVGGGWD TLGHYLDKHD PCRCTSLSHK PGSFLKPPGP PVQHEVKVQD GPSQPQPTMT ISRSQSPLPP VDWKTYTSSS RKLRPPTPSS PGLRSEPPVR ARTLREDPLP RSQEKPTPSQ RMSSPGPQFS STCRGPDLSQ TSLGKRANRC PGEPPRGRTPTLWVHKEAGS RGTHTKAPTP QRLQIPEATS KRTSARGPSP PPRSSSLASP HMIWVLHQGA SPQLSEPMTV HSSSPGKGLT KIPIRLSPAR PPTPGRSSLG TEGEYSTGRG SISSRALEGN LDRSTHGHHS VEASGDHQTD IQTTSETEDP RSLGTQKWKE RHTSLALGRR REQALYDNLK EEVVANMKLL EVGTAYTQGT RSQAIPRSGV YVPSLGGRWP EPGGPYDKVI RELVQGPPL LKVDLKAWKV |

Product Details

GSECLPRPIV DPGSPKEKLG SRETGTRIKA SLNAEDTTVR TVSPARGQGC STPPVSANLE
APTRSCSDPS SDKASVCLGK GKRTLRLKPQK IPSIYKLKLR PRIRPRRDHR PEKRPSRIPK
PLPYSCLVLA RTAPGSRLK ATLGGKGGVP CQVNGTGKKE EEKKKGGSNI SLESSIQPAE
SQEPLKLGST PLSPEEESWV **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.**

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

Target Details

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|-------------------|--|
| Target: | GAS2L2 |
| Alternative Name: | Gas2l2 (GAS2L2 Products) |
| Background: | GAS2-like protein 2 (Growth arrest-specific protein 2-like 2),FUNCTION: Involved in the cross-linking of microtubules and microfilaments (By similarity). Regulates microtubule dynamics and stability by interacting with microtubule plus-end tracking proteins, such as MAPRE1, to regulate microtubule growth along actin stress fibers (By similarity). Enhances ADORA2-mediated adenylyl cyclase activation by acting as a scaffold to recruit trimeric G-protein complexes to ADORA2A (PubMed:23994616). Regulates ciliary orientation and performance in cells located in the airway (PubMed:30665704). {ECO:0000250 UniProtKB:Q8NHY3, |

Target Details

ECO:0000269|PubMed:23994616, ECO:0000269|PubMed:30665704}.

Molecular Weight: 94.3 kDa

UniProt: [Q5SSG4](#)

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