

Datasheet for ABIN7561430

RALGPS2 Protein (AA 1-590) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | RALGPS2 |
| Protein Characteristics: | AA 1-590 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RALGPS2 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat Ralgps2 Protein expressed in mammalien cells. |
| Sequence: | <p>MDLMNGQASS VTIAATVSEK SSSSESLSEK GSELKKSFDA VVFDVLKVTP EEYAGQITLM</p> <p>DVPVFKAIQP DELSSCGWNK KEKYSSAPNA VAFTRRFNHV SFWVVREILH AQTLKIRAEV</p> <p>LSHYIKTAKK LYELNNLHAL MAVVSGLQSA PIFRLTKTWA LLSRKDKTTF EKLEYVMSKE</p> <p>DNYKRLRDIY SSLKMTPCIP YLGIYLSDLT YIDSAYPSTG SILENEQSRN LMNNILRIIS</p> <p>DLQQSCEYDI PILPHVQKYL NSVQYIEELQ KFVEDDNYKL SLKIEPGAST PRSAASREDL</p> <p>AGPDIGASPQ GGRKSSAAAA AAAAAEGALL PQTPPSPRNL IPHGHRKCHS LGYNFIHKMN</p> <p>TAEFKSATFP NAGPRHLLDD SVMEPHAPSR GQAESSTLSS GISIGSSDGS ELSEETSWPA</p> <p>FERNRLYHSL GPVTRVPRNG YRSHTKASSS AESEDLAVHL YPGAVTIQGV LRRKTLLKEG</p> <p>KKPTVASWTK YWAALCGTQL FYAAKSLKA TERKHKFKSTS NKNVSVVGWM VMMADDPEHP</p> <p>DLFLLTDSEK GNSYKFQAGS RMNAMLWFKH LSAACQSNKQ QVPTNLMTFE Sequence without</p> <p>tag. The proposed Purification-Tag is based on experiences with the expression system, a</p> |

Product Details

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: | <div>Key Benefits:</div> <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: | RALGPS2 |
| Alternative Name: | Ralgps2 (RALGPS2 Products) |
| Background: | Ras-specific guanine nucleotide-releasing factor RalGPS2 (Ral GEF with PH domain and SH3-binding motif 2) (RalA exchange factor RalGPS2),FUNCTION: Guanine nucleotide exchange factor for the small GTPase RALA. May be involved in cytoskeletal organization. May also be involved in the stimulation of transcription in a Ras-independent fashion. {ECO:0000269 PubMed:17462626}. |
| Molecular Weight: | 65.5 kDa |
| UniProt: | Q9ERD6 |

Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies |
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Application Details

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