

Datasheet for ABIN2730823
RGS17 Protein (His tag)[Go to Product page](#)

1 Image

Overview

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|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | RGS17 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This RGS17 protein is labelled with His tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

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|------------------|---|
| Characteristics: | <ul style="list-style-type: none">• Recombinant human RGS17 (full length, N-term HIS tag) protein expressed in E. coli.• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

Target Details

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|-------------------|--|
| Target: | RGS17 |
| Alternative Name: | Rgs17 (RGS17 Products) |
| Background: | <p>This gene encodes a member of the regulator of G-protein signaling family. This protein contains a conserved, 120 amino acid motif called the RGS domain and a cysteine-rich region.</p> <p>The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G</p> |

Target Details

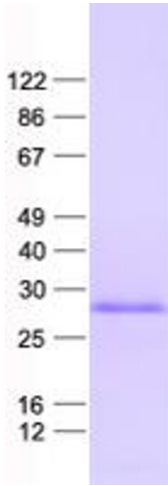
| | |
|-------------------|--|
| | beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. |
| Molecular Weight: | 24.4 kDa |
| NCBI Accession: | NP_036551 |
| Pathways: | Myometrial Relaxation and Contraction , Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

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| Application Notes: | Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the N-terminal. |
| Restrictions: | For Research Use only |

Handling

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| Concentration: | 50 µg/mL |
| Buffer: | 25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl. Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |



Western Blotting

Image 1. Validation with Western Blot