Datasheet for ABIN1306227

# GUK1 Protein (AA 1-197) (GST tag)

1 Image | 1 Publication

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## Overview

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|---|---|
| Quantity: | 10 µg |
| Target: | GUK1 |
| Protein Characteristics: | AA 1-197 |
| Origin: | Human |
| Source: | Wheat germ |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GUK1 protein is labelled with GST tag. |
| Application: | ELISA, Western Blotting (WB), Affinity Purification (AP), Antibody Array (AA) |

## Product Details

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| Purpose: | GUK1 (Human) Recombinant Protein (P01) |
| Sequence: | MSGPRPVVLS GPSGAGKSTL LKRLLQEHSG IFGFSVSHTT RNPRPGEENG KDYYFVTREV MQRDIAAGDF IEHAEFSGNL YGTSKVAVQA VQAMNRICVL DVDLQGVRNI KATDLRPIYI SVQPPSLHVL EQRLRQRNTE TEESLVKRLA AAQADMESSK EPGLFDVVII NDSLDQAYAE LKEALSEEIK KAQRTGA |
| Characteristics: | Human GUK1 full-length ORF ( AAH06249, 1 a.a. - 197 a.a.) recombinant protein with GST-tag at N-terminal. |
| Purification: | in vitro wheat germ expression system |

## Target Details

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|---|---|
| Target: | GUK1 |

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## Target Details

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|---|---|
| Alternative Name: | GUK1 (GUK1 Products) |
| Background: | Full Gene Name: guanylate kinase 1<br>Synonyms: GMK |
| Gene ID: | 2987 |
| Pathways: | Nucleotide Phosphorylation, ER-Nucleus Signaling, Ribonucleoside Biosynthetic Process |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment: | Preparation method: in vitro, wheat germ expression system<br>Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue. |
| Restrictions: | For Research Use only |

## Handling

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| Buffer: | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer. |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing. |
| Storage: | -80 °C |
| Storage Comment: | Best use within three months from the date of receipt of this protein. |

## Publications

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|---|---|
| Product cited in: | Ethen, Reilly, Feng, Olsen, Ferrington: "The proteome of central and peripheral retina with progression of age-related macular degeneration." in: **Investigative ophthalmology & visual science**, Vol. 47, Issue 6, pp. 2280-90, (2006) (PubMed). |

**Image 1.**

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