# MAK Protein, Human (Sf9, His, GST)

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| **Cat. No.:** | HY-P701797 |
| **Synonyms:** | MAK; Serine/threonine-protein kinase MAK; Male germ cell-associated kinase |
| **Species:** | Human |
| **Source:** | Sf9 insect cells |
| **Accession:** | P20794 (N2-R623) |
| **Gene ID:** | 4117 |
| **Molecular Weight:** | |

## PROPERTIES

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| **Appearance** | Solution. |
| **Formulation** | Supplied as a 0.22 μm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol. |
| **Endotoxin Level** | <1 EU/μg, determined by LAL method. |
| **Reconsititution** | Please use rapid thawing with running water to thaw the protein. |
| **Storage & Stability** | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |
| **Shipping** | Shipping with dry ice. |

## DESCRIPTION

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| **Background** | MAK Protein is crucial for the regulation of ciliary length and is essential for the prolonged survival of photoreceptors. It phosphorylates FZR1 in a cell cycle-dependent manner and participates in the transcriptional coactivation of AR. Additionally, MAK may contribute to spermatogenesis and could play a role in maintaining chromosomal stability in prostate cancer cells. |



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