# Recombinant MA13P protein (His tag)

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| **Catalog Number** | 551313 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | A6NCF6 |
| **Molecular Weight** | Predictes a molecular mass of 29.29 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 31 kDa band. |

## Product Information

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| **Sequence Region** | 98-341 |
| **Form** | Lyophilized powder |
| **Formulation** | Lyophilized from sterile PBS, pH 7.4 |
| **Purity** | >86%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Endotoxin** | Not tested. |
| **Activity** | Not tested. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70℃ |
| **Protein Construction** | DNA encoding 98-341 aa (A6NCF6) were fused with 6His tag. |

## Storage & Handling

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| **Reconstitution** | Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. |
| **Storage** | Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Shipping** | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## Description

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| **Description** | This high-purity recombinant protein corresponds to amino acids 98-341 of the human Putative MAGE domain-containing protein MAGEA13P (UniProt ID: A6NCF6). The fragment is expertly designed to fully encompass the conserved MAGE domain (residues 105-304), providing an ideal, isolated tool for functional studies, interaction mapping, and antibody production targeting this specific and significant protein region.<br>The full-length MAGEA13P protein is encoded by the gene of the same name in Homo sapiens. As a member of the Melanoma Antigen Gene (MAGE) family, these proteins are often involved in critical cellular processes and are of significant interest in oncology and developmental biology research. The specific functional role and subcellular localization of the MAGEA13P protein are areas of active investigation. The provided recombinant fragment, containing the core MAGE domain, enables focused research to elucidate the domain's specific biochemical functions, protein-protein interactions, and its potential role in cellular pathways. |