Recombinant MAGH1 protein (His tag)

Catalog Number	549913
Synonyms	Apoptosis-related protein 1; APR-1; MAGE-H1 antigen; Restin
Species	Human
Expression System	E. coli
Accession	Q9H213
Molecular Weight	Predictes a molecular mass of 11.91 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	87-176
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 87-176 aa (Q9H213) were fused with 6His tag.

Storage & Handling

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. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human Melanoma-associated antigen H1 (MAGE-H1) Fragment (aa 87-176) is a high-purity, stable protein fragment designed for structural and biochemical studies. This 90-amino acid fragment was computationally selected to ensure optimal solubility and stability, making it an ideal tool for investigating the properties of this apoptosis-related protein. Melanoma-associated antigen H1 (MAGEH1), also known as APR-1 or Restin, is a human protein belonging to the melanoma antigen family. While specific functional details and subcellular localization information are not fully characterized in the provided data, proteins in this family are generally associated with cellular processes including apoptosis and may have relevance in cancer biology. The MAGE family proteins are of significant research interest for their potential roles in cell cycle regulation and disease pathways.