Recombinant MAGE2 protein (His tag)

Catalog Number	552010
Synonyms	Hepatocellular carcinoma-associated protein 3; MAGE-E2 antigen
Species	Human
Expression System	E. coli
Accession	Q8TD90
Molecular Weight	Predictes a molecular mass of 53.02 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 58 kDa band.

Product Information

Sequence Region	86-523
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 86-523 aa (Q8TD90) 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	Introducing our high-purity recombinant human Melanoma-associated antigen E2 (MAGEE2) fragment (aa 86-523). This 438-amino acid construct is expertly engineered to fully encompass the critical MAGE 1 and MAGE 2 domains, providing researchers with a powerful and specific tool for functional studies of this cancer-associated protein. Melanoma-associated antigen E2, also known as Hepatocellular carcinoma-associated protein 3, is encoded by the MAGEE2 gene in humans. As a member of the MAGE protein family, it is implicated in various cancer pathways. The specific biological functions and subcellular localization of the full-length protein are areas of active research, with studies suggesting roles in tumorigenesis and as a potential therapeutic target. The provided fragment allows focused investigation into the functional contributions of its conserved MAGE domains.