Recombinant MAGBA protein (His tag)

Catalog Number	552016
Synonyms	MAGE-B10 antigen
Species	Human
Expression System	E. coli
Accession	Q96LZ2
Molecular Weight	Predictes a molecular mass of 28.73 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 30 kDa band.

Product Information

Sequence Region	110-347
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 110-347 aa (Q96LZ2) 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	This product is a high-quality recombinant protein fragment of human Melanoma-associated antigen B10 (MAGE-B10 antigen), encompassing amino acids 110-347. This 238-residue fragment is specifically designed to contain the complete MAGE domain (aa 111-310), providing researchers with an ideal tool for functional studies, antibody production, and interaction mapping focused on this critical protein region. Melanoma-associated antigen B10, encoded by the MAGEB10 gene, is a member of the MAGE (Melanoma Antigen Gene) family. While specific functional and subcellular localization details for this isoform are not fully characterized, proteins in the MAGE family are often implicated in tumor biology and immunology, making them significant targets for cancer research. This recombinant fragment, containing the conserved MAGE domain, allows for targeted investigation into the structural and functional properties of this antigenic protein.