Recombinant HUNK protein (His tag)

Catalog Number	549198
Synonyms	B19; Serine/threonine-protein kinase MAK-V
Species	Human
Expression System	E. coli
Accession	P57058
Molecular Weight	Predictes a molecular mass of 42.10 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 42 kDa band.

Product Information

Sequence Region	37-391
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 37-391 aa (P57058) 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 the recombinant Hormonally up-regulated neu tumor-associated kinase (HUNK) fragment (residues 37-391), a 355-amino acid construct engineered to encompass the complete protein kinase domain. This product is ideal for investigating kinase activity, substrate interactions, and domain-specific functions in cancer and cellular signaling research. Hormonally up-regulated neu tumor-associated kinase (HUNK), encoded by the HUNK gene in Homo sapiens, is a serine/threonine-protein kinase (EC 2.7.11.1) implicated in cellular signaling pathways. While specific functional and subcellular localization details are not fully characterized in the provided data, HUNK is recognized for its potential roles in hormone-responsive processes and tumor biology, making it a protein of interest in oncology and molecular biology studies.