Recombinant PSKH2 protein (His tag)

Catalog Number	548041
Synonyms	Protein serine kinase H2; PSK-H2
Species	Human
Expression System	E. coli
Accession	Q96QS6
Molecular Weight	Predictes a molecular mass of 36.79 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 37 kDa band.

Product Information

Sequence Region	35-343
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 35-343 aa (Q96QS6) 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 Serine/threonine-protein kinase H2 (PSKH2) fragment (residues 35-343) is a high-purity protein designed to encompass the complete Protein Kinase domain. This product serves as an essential tool for investigating kinase activity, substrate interactions, and signaling mechanisms in a controlled experimental setting. Serine/threonine-protein kinase H2 (PSKH2) is a human enzyme classified under EC 2.7.11.1, involved in phosphorylation processes that regulate cellular signaling pathways. While detailed functional and localization data are not specified here, serine/threonine kinases generally play critical roles in modulating cell growth, differentiation, and apoptosis, making PSKH2 a protein of interest for studies in signal transduction and disease mechanisms.