Recombinant SPDE3 protein (His tag)

Catalog Number	551629
Species	Human
Expression System	E. coli
Accession	A6NKU9
Molecular Weight	Predictes a molecular mass of 21.19 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 21 kDa band.

Product Information

Sequence Region	390-549
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 390-549 aa (A6NKU9) 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 Speedy protein E3 (SPDYE3) fragment (aa 390-549). This 160-amino acid fragment has been computationally designed for optimal stability and solubility, making it an ideal reagent for structural biology studies and in vitro biochemical assays. Speedy protein E3 is encoded by the SPDYE3 gene in Homo sapiens. The specific biological function and subcellular localization of the full-length protein are areas of active research. This recombinant fragment provides researchers with a defined, soluble protein unit to facilitate experimental investigation into the structure and potential biochemical activities of this human protein.