Recombinant SWT1 protein (His tag)

Catalog Number	551150
Species	Human
Expression System	E. coli
Accession	Q5T5J6
Molecular Weight	Predictes a molecular mass of 19.21 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	386-537
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 386-537 aa (Q5T5J6) 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 Transcriptional protein SWT1 fragment (aa 386-537) is a high-purity protein preparation encompassing the complete PINc domain (aa 388-515). This carefully designed fragment serves as an ideal research tool for investigating the specific functional mechanisms of the PINc domain in transcriptional regulation. Transcriptional protein SWT1 (UniProt ID: Q5T5J6) is a human protein involved in transcriptional processes, though specific functional details and subcellular localization information require further characterization. The PINc domain contained within this recombinant fragment represents a conserved functional region that plays important roles in nucleic acid binding and processing, making this protein fragment particularly valuable for studying domain-specific functions in transcriptional regulation pathways.