Recombinant SCRT2 protein (His tag)

Catalog Number	549928
Synonyms	Scratch homolog 2 zinc finger protein
Species	Human
Expression System	E. coli
Accession	Q9NQ03
Molecular Weight	Predictes a molecular mass of 18.77 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band.

Product Information

Sequence Region	153-307
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 153-307 aa (Q9NQ03) 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 offers a high-quality recombinant fragment of the human Transcriptional repressor scratch 2 (SCRT2), spanning residues 153-307. Designed for stability and solubility, this fragment is ideal for structural studies and biochemical assays, enabling researchers to explore its role in transcriptional regulation with enhanced experimental reliability. The full-length Transcriptional repressor scratch 2, encoded by the SCRT2 gene in Homo sapiens, is implicated in transcriptional regulation, potentially influencing gene expression control mechanisms. It is localized to the nucleus, where it may function in DNA binding or interaction with other nuclear factors to modulate transcriptional processes. This fragment provides a focused tool for investigating these activities without the complexities of the full protein.