Recombinant SRBD1 protein (His tag)

Catalog Number	551211
Species	Human
Expression System	E. coli
Accession	Q8N5C6
Molecular Weight	Predictes a molecular mass of 21.47 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 22 kDa band.

Product Information

Sequence Region	819-995
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 819-995 aa (Q8N5C6) 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 SRBD1 (S1 RNA-binding domain-containing protein 1) Fragment (aa 819-995): A high-purity protein fragment encompassing the S1 motif domain, designed as a specialized tool for investigating domain-specific RNA-binding functions in molecular biology research. The full-length S1 RNA-binding domain-containing protein 1 (SRBD1) is encoded by the SRBD1 gene in Homo sapiens. While detailed functional and subcellular localization data are not fully characterized, SRBD1 contains conserved S1 RNA-binding motifs, suggesting its involvement in RNA-related processes such as RNA metabolism, stabilization, or translational regulation. This recombinant fragment provides researchers with a focused reagent to study the structural and functional properties of the S1 domain independently of the full-length protein context.