Recombinant SRFB1 protein (His tag)

Catalog Number	549300
Synonyms	SRF-dependent transcription regulation-associated protein; p49/STRAP
Species	Human
Expression System	E. coli
Accession	Q8NEF9
Molecular Weight	Predictes a molecular mass of 16.52 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 17 kDa band.

Product Information

Sequence Region	2-132
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 2-132 aa (Q8NEF9) 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	Explore our high-quality recombinant fragment of human Serum Response Factor-Binding Protein 1 (SRFBP1), spanning residues 2-132. This 131-amino acid fragment is engineered for stability and solubility, making it an ideal tool for structural studies, biochemical assays, and investigating SRFBP1's role in transcriptional regulation and cellular metabolism. Serum Response Factor-Binding Protein 1 (SRFBP1), also known as p49/STRAP, is implicated in the regulation of cardiac gene transcription during aging and may contribute to SLC2A4 biosynthesis and processing in adipose cells, based on sequence similarity to characterized orthologs. The protein localizes to the perinuclear region of the cytoplasm, suggesting a potential role in nuclear-cytoplasmic communication or regulatory processes near the nucleus. This fragment provides a focused approach to study key aspects of SRFBP1 function without the complexities of the full-length protein.