Recombinant RSRC2 protein (His tag)

Catalog Number	545287
Species	Human
Expression System	E. coli
Accession	Q7L4I2
Molecular Weight	Predictes a molecular mass of 24.23 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 25 kDa band.

Product Information

Sequence Region	231-434
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 231-434 aa (Q7L4I2) 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 Arginine/serine-rich coiled-coil protein 2 (RSRC2) fragment (aa 231-434) is a high-quality protein preparation designed for structural biology and biochemical studies. This 204-amino acid fragment was computationally selected to provide optimal stability and solubility, making it an ideal tool for investigating protein function and interactions. Arginine/serine-rich coiled-coil protein 2 (RSRC2) is encoded by the RSRC2 gene in humans. While specific functional details and subcellular localization information for the full-length protein are not fully characterized in the provided data, coiled-coil domains typically mediate protein-protein interactions and are involved in various cellular processes. The selected fragment (aa 231-434) represents a stable, soluble unit that maintains structural integrity for experimental applications, supporting research into the biological roles of this protein family.