Recombinant RIAD1 protein (His tag)

Catalog Number	552083
Species	Human
Expression System	E. coli
Accession	A6NNX1
Molecular Weight	Predictes a molecular mass of 12.46 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	1-92
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 1-92 aa (A6NNX1) 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 high-purity recombinant protein corresponds to the RIIa domain-containing protein 1 (RIIAD1) from Homo sapiens. The product is a specific 92-amino acid fragment (residues 1-92) engineered to fully encompass the functional RIIa domain, making it an ideal, focused tool for investigating the structure and specific biological activities of this critical domain. RIIa domain-containing protein 1, encoded by the gene RIIAD1, is a human protein of significant research interest. While specific functional and subcellular localization data for the full-length protein are still being elucidated, the presence of the conserved RIIa domain within its sequence suggests a role in critical cellular signaling pathways, potentially involving cyclic nucleotide binding or protein-protein interactions. This recombinant fragment provides a direct means to study the isolated properties and interactions of the RIIa domain, accelerating functional characterization and mechanistic studies.