Recombinant RUN3A protein (His tag)

Catalog Number	545121
Synonyms	Rap2-interacting protein 8; RPIP-8
Species	Human
Expression System	E. coli
Accession	Q59EK9
Molecular Weight	Predictes a molecular mass of 24.85 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 25 kDa band.

Product Information

Sequence Region	1-207
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 1-207 aa (Q59EK9) 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 RUN Domain-Containing Protein 3A (RUNDC3A) Fragment (aa 1-207) - A high-purity protein fragment specifically designed to encompass the complete RUN domain (aa 52-189), providing an essential tool for studying RAP2A signaling mechanisms in neuronal research. RUN Domain-Containing Protein 3A, also known as Rap2-interacting protein 8 (RPIP-8), functions as a potential effector of RAP2A in neuronal cells. This protein plays a significant role in intracellular signaling pathways, particularly in neuronal contexts where RAP2A-mediated signaling is crucial. The full-length protein's involvement as a RAP2A effector suggests its importance in regulating specific cellular processes in the nervous system, making it a valuable target for neurological research and signal transduction studies.