Recombinant RASF9 protein (His tag)

Catalog Number	549165
Synonyms	PAM COOH-terminal interactor protein 1; P-CIP1; Peptidylglycine alpha-amidating monooxygenase COOH-terminal interactor
Species	Human
Expression System	E. coli
Accession	O75901
Molecular Weight	Predictes a molecular mass of 44.56 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 51 kDa band.

Product Information

Sequence Region	1-369
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, 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 1-369 aa (O75901) 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 RASSF9 (1-369) Fragment: A high-purity protein encompassing the complete Ras-associating domain (residues 25-119), designed for studying vesicular trafficking regulation and domain-specific interactions in cellular pathways. Ras association domain-containing protein 9 (RASSF9), also known as P-CIP1, plays a role in regulating vesicular trafficking within cells. It localizes to endosomes, specifically accumulating on perinuclear endosomes, indicating its involvement in intracellular transport and endosomal dynamics. This protein's function in vesicular processes makes it significant for research on membrane trafficking, signaling pathways, and cellular organization.