Recombinant RASF8 protein (His tag)

Catalog Number	549594
Synonyms	Carcinoma-associated protein HOJ-1
Species	Human
Expression System	E. coli
Accession	Q8NHQ8
Molecular Weight	Predictes a molecular mass of 24.68 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 31 kDa band.

Product Information

Sequence Region	161-353
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 161-353 aa (Q8NHQ8) 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 RASSF8 (161-353) is a high-quality protein fragment of Ras association domain-containing protein 8, also known as Carcinoma-associated protein HOJ-1. This 193-amino acid fragment was computationally designed for optimal stability and solubility, making it ideal for structural studies and biochemical characterization. RASSF8 (Ras association domain-containing protein 8) is a human protein encoded by the RASSF8 gene. While specific functional details and subcellular localization information are not fully characterized in the provided data, RASSF8 belongs to a family of Ras association domain-containing proteins that are involved in various cellular processes. The selected fragment (amino acids 161-353) represents a stable, soluble region identified through structural prediction algorithms, providing researchers with a reliable tool for investigating the protein's properties and interactions.