Recombinant F184A protein (His tag)

Catalog Number	540768
Species	Human
Expression System	E. coli
Accession	Q8NB25
Molecular Weight	Predictes a molecular mass of 54.31 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 67 kDa band.

Product Information

Sequence Region	584-1024
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>85%, 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 584-1024 aa (Q8NB25) 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 FAM184A (584-1024) is a high-quality protein fragment designed for structural and biochemical studies. This 441-amino acid segment, derived from the FAM184A gene, was computationally selected to ensure stability and solubility, making it an ideal tool for researchers investigating protein function and interactions. The full-length FAM184A protein, encoded by the FAM184A gene in Homo sapiens, is primarily localized in the cytoplasm, specifically within P-bodies, and associates with the centrosome and centriolar satellites of the microtubule organizing center. It is observed in cytoplasmic foci during both interphase and mitotic phases, suggesting potential roles in cellular organization and RNA processing, although its precise molecular functions remain to be fully elucidated.