Recombinant PHF11 protein (His tag)

Catalog Number	541492
Synonyms	BRCA1 C-terminus-associated protein; Renal carcinoma antigen NY-REN-34
Species	Human
Expression System	E. coli
Accession	Q9UIL8
Molecular Weight	Predictes a molecular mass of 15.85 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	38-161
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 38-161 aa (Q9UIL8) 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 PHD finger protein 11 (PHF11) fragment (residues 38-161) is a stable, soluble protein unit ideal for structural and biochemical studies, supporting research into Th1-type cytokine regulation. The full-length PHD finger protein 11 (PHF11), also known as BRCA1 C-terminus-associated protein or Renal carcinoma antigen NY-REN-34, functions as a positive regulator of Th1-type cytokine gene expression, playing a key role in immune response modulation. It is localized to the nucleus, where it contributes to transcriptional regulation, as supported by scientific evidence (UniProt ID: Q9UIL8).