Recombinant NBPFA protein (His tag)

Catalog Number	551850
Synonyms	Neuroblastoma breakpoint family member 10
Species	Human
Expression System	E. coli
Accession	Q6P3W6
Molecular Weight	Predictes a molecular mass of 21.00 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-164
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 1-164 aa (Q6P3W6) 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	This product is a high-quality recombinant protein fragment of human NBPF10 (Neuroblastoma breakpoint family member 10), encompassing amino acids 1-164. This fragment was computationally designed for optimal stability and solubility, making it an ideal reagent for structural studies, antibody production, and biochemical characterization in research focused on the NBPF protein family. NBPF10 is a member of the Neuroblastoma breakpoint family (NBPF), a group of proteins implicated in neuroblastoma and other developmental processes. While the specific molecular function of NBPF10 is still being elucidated, proteins in this family are of significant interest in cancer biology and neurodevelopment research. According to UniProt annotation (Q6P3W6), the full-length NBPF10 protein is localized to the cytoplasm. The provided recombinant fragment represents a stable, soluble unit selected to facilitate experimental investigation into this protein's properties and interactions.