Recombinant NBPF1 protein (His tag)

Catalog Number	548692
Synonyms	Neuroblastoma breakpoint family member 1
Species	Human
Expression System	E. coli
Accession	Q3BBV0
Molecular Weight	Predictes a molecular mass of 18.40 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	565-706
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 565-706 aa (Q3BBV0) 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 NBPF1 Protein Fragment (aa 565-706) is a high-quality, stable, and soluble protein product derived from the neuroblastoma breakpoint family member 1 (NBPF1). This 142-amino acid fragment is computationally optimized for structural and biochemical studies, offering researchers a reliable tool for investigating protein function and interactions. The full-length NBPF1 protein, encoded by the NBPF1 gene, is a member of the neuroblastoma breakpoint family and is primarily localized in the cytoplasm, as supported by experimental evidence. While a detailed functional summary is not available, NBPF1 is implicated in neuroblastoma pathogenesis and may play roles in cellular processes relevant to cancer biology, making it a protein of significant research interest in oncology and cell signaling studies.