Recombinant NBPFF protein (His tag)

Catalog Number	550701
Synonyms	Neuroblastoma breakpoint family member 15; Neuroblastoma breakpoint family member 16
Species	Human
Expression System	E. coli
Accession	Q8N660
Molecular Weight	Predictes a molecular mass of 21.08 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	1-165
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 1-165 aa (Q8N660) 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 NBPF15 (1-165) is a high-quality protein fragment designed for structural and biochemical research. This 165-amino acid fragment of Neuroblastoma breakpoint family member 15 has been computationally optimized for stability and solubility, making it ideal for experimental applications requiring reliable protein performance. NBPF15 (Neuroblastoma breakpoint family member 15) belongs to the NBPF family of proteins, which are associated with neuroblastoma breakpoint regions. The full-length protein is primarily localized to the cytoplasm, as indicated by subcellular localization data. NBPF family members are of significant interest in cancer research, particularly in neuroblastoma studies, due to their involvement in chromosomal rearrangements and potential roles in neuronal development and oncogenesis.