Recombinant EPAB2 protein (His tag)

Catalog Number	548636
Synonyms	Embryonic poly(A)-binding protein 2; ePABP-2; ePABP2; Embryonic poly(A)-binding protein type II; Poly(A)-binding protein nuclear-like 1
Species	Human
Expression System	E. coli
Accession	A6NDY0
Molecular Weight	Predictes a molecular mass of 11.69 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 12 kDa band.

Product Information

Sequence Region	138-227
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 138-227 aa (A6NDY0) 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 Embryonic Polyadenylate-Binding Protein 2 (ePABP2) Fragment (aa 138-227) – a high-purity protein fragment encompassing the RRM domain, ideal for investigating mRNA poly(A) tail binding mechanisms in embryonic and cellular contexts. Embryonic Polyadenylate-Binding Protein 2 (ePABP2), encoded by the PABPN1L gene, is a cytoplasmic protein that binds the poly(A) tail of mRNA, playing a critical role in post-transcriptional regulation, mRNA stability, and translational control during early development. This recombinant fragment (aa 138-227) includes the complete RRM domain (aa 147-224), enabling focused studies on domain-specific interactions with poly(A) RNA and its functional contributions to mRNA metabolism.