Recombinant C2C4B protein (His tag)

Catalog Number	549693
Synonyms	Nuclear-localized factor 2; Protein FAM148B
Species	Human
Expression System	E. coli
Accession	A6NLJ0
Molecular Weight	Predictes a molecular mass of 15.88 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	235-364
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, 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 235-364 aa (A6NLJ0) 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 C2CD4B Fragment (aa 235-364) is a high-purity protein designed for studying the C2 calcium-dependent domain. This fragment, derived from the C2 calcium-dependent domain-containing protein 4B (Nuclear-localized factor 2), is an essential tool for investigating domain-specific functions in inflammatory processes and cellular architecture. The full-length C2 calcium-dependent domain-containing protein 4B, also known as Nuclear-localized factor 2 or FAM148B, is implicated in inflammatory processes and may regulate cell architecture and adhesion. It localizes to the nucleus, as supported by experimental evidence (PubMed:15527968), suggesting a role in nuclear-related signaling or structural modulation. This protein's involvement in inflammation and cellular organization highlights its relevance in immune and cell biology research.