Recombinant JKIP2 protein (His tag)

Catalog Number	540940
Synonyms	CTCL tumor antigen HD-CL-04; Neuroendocrine long coiled-coil protein 1
Species	Human
Expression System	E. coli
Accession	Q96AA8
Molecular Weight	Predictes a molecular mass of 50.13 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 59 kDa band.

Product Information

Sequence Region	1-415
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 1-415 aa (Q96AA8) 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 JAKMIP2 Protein Fragment (residues 1-415) is a high-quality, soluble protein designed for structural and biochemical studies. This fragment, derived from the Janus kinase and microtubule-interacting protein 2, offers a stable unit ideal for investigating protein interactions and cellular mechanisms. The full-length JAKMIP2 protein, also known as CTCL tumor antigen HD-CL-04 or Neuroendocrine long coiled-coil protein 1, is localized to the Golgi apparatus, as supported by experimental evidence. While a detailed function summary is not provided, its association with Janus kinase and microtubule interactions suggests roles in intracellular signaling and structural organization, highlighting its relevance in cellular processes and potential implications in disease contexts such as cancer.