Recombinant PLAL2 protein (His tag)

Catalog Number	543893
Synonyms	Pleiomorphic adenoma-like protein 2
Species	Human
Expression System	E. coli
Accession	Q9UPG8
Molecular Weight	Predictes a molecular mass of 22.52 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 23 kDa band.

Product Information

Sequence Region	67-244
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 67-244 aa (Q9UPG8) 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 Zinc finger protein PLAGL2 (Pleiomorphic adenoma-like protein 2) fragment (residues 67-244) is a stable, soluble protein unit ideal for structural biology and functional studies. This fragment retains key properties for investigating transcriptional regulation mechanisms. Zinc finger protein PLAGL2 is a nuclear protein that exhibits weak transcriptional activatory activity in human cells. As a nuclear-localized transcription factor, PLAGL2 plays roles in gene regulation processes, though its specific biological functions require further characterization. The selected fragment (67-244) represents a structurally stable region optimized for experimental applications while maintaining relevance to the full-length protein's functional context.