Recombinant ANGL6 protein (His tag)

Catalog Number	549596
Synonyms	Angiopoietin-like protein 6; Angiopoietin-related growth factor; Angiopoietin-related protein 5
Species	Human
Expression System	E. coli
Accession	Q8NI99
Molecular Weight	Predictes a molecular mass of 26.49 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 26 kDa band.

Product Information

Sequence Region	255-470
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 255-470 aa (Q8NI99) 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 Angiopoietin-related protein 6 (ANGPTL6) fragment (aa 255-470) is a stable, soluble protein unit designed for structural and biochemical research. This fragment retains key functional characteristics, supporting studies in wound healing, angiogenesis, and metabolic regulation. Angiopoietin-related protein 6 (ANGPTL6) is a secreted human protein involved in tissue repair and metabolic homeostasis. It promotes epidermal proliferation and remodeling during wound healing, enhances endothelial cell chemotaxis and neovascularization, and counters obesity-related insulin resistance by increasing energy expenditure. As a secreted protein, it functions extracellularly in physiological processes relevant to regenerative medicine and metabolic disease research.