Recombinant IL17B protein (His tag)

Catalog Number	549119
Synonyms	IL-17B; Cytokine Zcyto7; Interleukin-20; IL-20; Neuronal interleukin-17-related factor
Species	Human
Expression System	E. coli
Accession	Q9UHF5
Molecular Weight	Predictes a molecular mass of 15.79 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	58-180
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, 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 58-180 aa (Q9UHF5) 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	This product is a recombinant fragment of Human Interleukin-17B (IL-17B), encompassing amino acids 58-180. This fragment is engineered for stability and solubility, making it an ideal tool for structural studies and functional assays related to cytokine signaling and immune response research. Interleukin-17B (IL-17B), also known as Cytokine Zcyto7, is a secreted protein that plays a role in immune regulation by stimulating the release of pro-inflammatory cytokines such as tumor necrosis factor alpha (TNF-α) and IL-1β from monocytic cell lines like THP-1. As a secreted factor, it functions extracellularly to mediate inflammatory responses, highlighting its significance in immunological and pathological studies.