Recombinant GOLI protein (His tag)

Catalog Number	545352
Synonyms	Goliath homolog; H-Goliath; RING finger protein 130; RING-type E3 ubiquitin transferase RNF130
Species	Human
Expression System	E. coli
Accession	Q86XS8
Molecular Weight	Predictes a molecular mass of 19.73 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 20 kDa band.

Product Information

Sequence Region	32-194
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>89%, 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 32-194 aa (Q86XS8) 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 E3 ubiquitin-protein ligase RNF130 (EC 2.3.2.27) fragment (amino acids 32-194) is a high-purity protein designed for functional studies. This fragment fully encompasses the PA domain, making it an ideal tool for investigating domain-specific mechanisms in ubiquitination and cell death pathways. E3 ubiquitin-protein ligase RNF130, also known as Goliath homolog or RING finger protein 130, is a RING-type E3 ubiquitin transferase implicated in programmed cell death of hematopoietic cells. It functions as an E3 ubiquitin-protein ligase, playing a key role in the ubiquitination cascade. The protein localizes to both the membrane as a single-pass type I membrane protein and the cytoplasm, suggesting diverse functional contexts in cellular regulation.