Recombinant REX1B protein (His tag)

Catalog Number	549327
Species	Human
Expression System	E. coli
Accession	Q96EN9
Molecular Weight	Predictes a molecular mass of 13.40 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 14 kDa band.

Product Information

Sequence Region	96-201
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 96-201 aa (Q96EN9) 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 recombinant protein product features a stable and soluble fragment (residues 96-201) of the Required for excision 1-B domain-containing protein (REX1BD) from Homo sapiens. Designed for structural and biochemical studies, this 106-amino acid fragment is computationally optimized to facilitate research into protein function and interactions. The full-length Required for excision 1-B domain-containing protein, encoded by the REX1BD gene (UniProt ID: Q96EN9), is a human protein whose specific functional roles and subcellular localization are still under investigation. As a subject of ongoing research, it represents a valuable target for elucidating novel cellular mechanisms and pathways in human biology.