Recombinant F200C protein (His tag)

Catalog Number	551197
Synonyms	Protein ZBED8; Transposon-derived Buster3 transposase-like protein; Zinc finger BED domain-containing protein 8
Species	Human
Expression System	E. coli
Accession	Q8IZ13
Molecular Weight	Predictes a molecular mass of 31.58 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 32 kDa band.

Product Information

Sequence Region	339-594
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, 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 339-594 aa (Q8IZ13) 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 FAM200C (ZBED8) Fragment (339-594) is a high-purity, stable protein fragment designed for structural and biochemical studies. This 256-amino acid segment, derived from the full-length Protein FAM200C, was computationally selected to ensure optimal solubility and structural integrity, making it an ideal tool for researchers investigating protein function and interactions. The full-length Protein FAM200C, also known as ZBED8 or transposon-derived Buster3 transposase-like protein, is a human protein containing a zinc finger BED domain. While specific functional details and subcellular localization are not fully characterized, proteins in this family are often implicated in nucleic acid binding and regulatory processes. The provided fragment (residues 339-594) represents a stable, soluble region selected to facilitate experimental analysis where the full-length protein may present challenges in expression or purification.