Recombinant F10A5 protein (His tag)

Catalog Number	551226
Synonyms	Suppression of tumorigenicity 13 pseudogene 5
Species	Human
Expression System	E. coli
Accession	Q8NFI4
Molecular Weight	Predictes a molecular mass of 24.20 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 30 kDa band.

Product Information

Sequence Region	81-274
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 81-274 aa (Q8NFI4) 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 Putative protein FAM10A5 (ST13P5) Fragment (81-274) is a high-purity, stable protein fragment designed for structural and biochemical studies. This 194-amino acid fragment was computationally optimized for solubility and stability, making it an ideal tool for investigating protein function and interactions in research applications. The full-length Putative protein FAM10A5, encoded by the ST13P5 gene, is a human protein with suggested roles in cellular processes, though its specific molecular function remains uncharacterized. According to available data, it localizes to the cytoplasm, indicating potential involvement in cytoplasmic signaling pathways or regulatory mechanisms. This recombinant fragment provides a focused approach to study the protein's properties and contribute to understanding its biological significance.