Recombinant FA156 protein (His tag)

Catalog Number	548789
Synonyms	Transmembrane protein 29/29B
Species	Human
Expression System	E. coli
Accession	Q8NDB6
Molecular Weight	Predictes a molecular mass of 13.16 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 13 kDa band.

Product Information

Sequence Region	59-153
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 59-153 aa (Q8NDB6) 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 Protein FAM156A/FAM156B (Transmembrane protein 29/29B) Fragment (aa 59-153) is a high-quality, soluble protein fragment designed for structural and biochemical studies. This 95-amino acid fragment, derived from human FAM156A/FAM156B, represents a stable unit ideal for investigating membrane protein characteristics and molecular interactions. The full-length Protein FAM156A/FAM156B (Transmembrane protein 29/29B) is a human protein localized to the membrane and classified as a single-pass membrane protein. As a transmembrane protein, it is implicated in essential cellular processes involving membrane structure, signaling, or transport, though specific functional details remain to be fully characterized. The selected fragment (aa 59-153) was computationally optimized for stability and solubility, enabling researchers to explore its properties without the complexities of the full membrane-associated protein.