

Transmembrane Protein 27 Human Recombinant

Item Number	rAP-3991
Synonyms	Collectrin, Transmembrane protein 27, TMEM27, NX17, NX-17.
Description	TMEM27 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 15-141) containing 137 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 15.64kDa (calculated).
Uniprot Accesion Number	Q9HBJ8
Amino Acid Sequence	MKHHHHHHASELCQPGAEKA FKVRLSIRTA LGDKAYAWDT NEEYLFKAMV AFSMRKVPNR EATEISH-VLL CNVTQRVSFW FVVTDPSKNH TLPAVEVQSA IRMNKNRINN AFFLNDQTLF FLKIPSTLAP PMDPSVP.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	TMEM27 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by relevant bu
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**