

Small Proline-Rich Protein 1B Human Recombinant

Item Number	rAP-3992
Synonyms	Cornifin-B, 14.9 kDa pancornulin, Small proline-rich protein 1B, SPR-1B, SPRR1B, SPRR1, GADD33, CORNIFIN.
Description	SPRR1B Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 2-89) containing 97 amino acids including a 9 a.a N-terminal His tag. The total molecular mass is 10.9kDa (calculated).
Uniprot Accession Number	P22528
Amino Acid Sequence	MKHHHHHHAS SQQQKQPCTP PPQLQQQVVK QPCQPPPQEP CIPKTKEPCH PKVPEPCHPK VPEPCQPKVP EPCHPKVPEP CPSIVTPAPA QKTKQK.
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	SPRR1B filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. SPRR1B is not sterile! Please filter the product by an appropriate sterile filter before using
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 ender users! This product is sold for **Research Use Only**