

PRODUCT SPECIFICATION

Product Name	PrEST Antigen CACNA1A
Product Number	APrEST94978
Gene Description	calcium voltage-gated channel subunit alpha1 A
Alternative Gene Names	APCA, CACNL1A4, Cav2.1, EA2, FHM, HPCA, MHP, MHP1, SCA6
Corresponding Antibodies	Anti-CACNA1A (HPA068138)
Description	Recombinant protein fragment of Human CACNA1A
Amino Acid Sequence	Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: APATYEGDARREDKERRHRRRKENQGSGVPVSGPNLSTTRPIQQDLGRQD PPLAEDIDNMKNKLATAESAAPHGSLGHAGLPQSPAKMGNRTDP
Fusion Tag	N-terminal His ₆ ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)
Expression Host	<i>E. coli</i>
Purification	IMAC chromatography
Predicted MW	28 kDa including tags
Usage	Suitable as control in WB and preadsorption assays using indicated corresponding antibodies.
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	PBS and 1M Urea, pH 7.4.
Unit Size	100 µl
Concentration	Lot dependent
Storage	Upon delivery store at -20°C. Avoid repeated freeze/thaw cycles.
Notes	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

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