PRODUCT SPECIFICATION

Product Name	PrEST Antigen NPR1
Product Number	APrEST70724
Gene Description	natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A)
Alternative Names	ANPa, ANPRA, GUCY2A, NPRA
Corresponding Antibodies	HPA031087
Description	Recombinant protein fragment of Human NPR1
Amino Acid Sequence	FHLDIFGQSLQGGQGPAPRRPWERGDGQDVSARQAFQAAKIITYKDPDNP EYLEFLKQLKHLAYEQFNFTMEDGLVNTIPASFHDGLLLYIQAVTETLAH GGTVTDGENITQRMWNRSFQGVTGYLKIDSSGDRETDFSLWDMDPENG
Fusion Tag	N-terminal His_6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)
Expression Host	*E. coli*
Purification	IMAC purification
Predicted Mw	34 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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