

PRODUCT SPECIFICATION

Product Name	PrEST Antigen CD55
Product Number	APrEST78247
Gene Description	CD55 molecule, decay accelerating factor for complement (Cromer blood group)
Alternative Gene Names	CR, CROM, DAF, TC
Corresponding Antibodies	Anti-CD55 (HPA002190)
Description	Recombinant protein fragment of Human CD55
Amino Acid Sequence	Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: YCPAPPQIDNGIIQGERDHYGYRQSVTYACNKGFTMIGEHSIYCTVNNDE GEWSGPPPECRGKSLTSKVPPTVQKPTTVNVPTTEVSPTSQKTTTKTTTP NAQATRSTPVSRTTKHFHETTPNKGSGTTSGLTRLLSGHTCFTLTGLLGT LVTMG
Fusion Tag	N-terminal His ₆ ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)
Expression Host	<i>E. coli</i>
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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