

## PRODUCT SPECIFICATION

Product Name	PrEST Antigen CARS
Product Number	APrEST86199
Gene Description	cysteinyl-tRNA synthetase
Alternative Gene Names	CARS1
Corresponding Antibodies	Anti-CARS (AMAb90970), Anti-CARS (AMAb90971), Anti-CARS (AMAb90972), Anti-CARS (AMAb90973), Anti-CARS (HPA002383)
Description	Recombinant protein fragment of Human CARS
Amino Acid Sequence	Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: SQCNLVMAARKAVRKRPNQALLENIALYLTMLKIFGAVEEDSSLGFPVG GPGTSLSEATVMPYLQVLSEFREGVRKIAREQKVPEILQLSDALRDNIL PELGVRFEDHEGLPTVVKLVDRNTLLKEREKRRVE
Fusion Tag	N-terminal His <sub>6</sub> ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)
Expression Host	<i>E. coli</i>
Purification	IMAC purification
Predicted MW	33 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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