PRODUCT SPECIFICATION

Product Name	PrEST Antigen ALDH18A1
Product Number	APrEST71373
Gene Description	aldehyde dehydrogenase 18 family, member A1
Alternative Names	GSAS, P5CS, PYCS
Corresponding Antibodies	HPA012604
Description	Recombinant protein fragment of Human ALDH18A1
Amino Acid Sequence	SVTFGTKSRVGMGGMEAKVKAALWALQGGTSVVIANGTHPKVSGHVITDI VEGKKVGTFFSEVKPAGPTVEQQGEMARSGGRMLATLEPEQRAEIIHHLA DLLTDQRD
Fusion Tag	N-terminal His_6ABP (ABP = Albumin Binding Protein derived from Streptococcal Protein G)
Expression Host	*E. coli*
Purification	IMAC purification
Predicted Mw	29 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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