PRODUCT SPECIFICATION

Product Name	PrEST Antigen SMPD4
Product Number	APrEST81948
Gene Description	sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3)
Alternative Gene Names	FLJ20297, FLJ20756, KIAA1418, NET13, nSMase-3, NSMASE3
Corresponding Antibodies	Anti-SMPD4 (HPA046279)
Description	Recombinant protein fragment of Human SMPD4
Amino Acid Sequence	Recombinant Protein Epitope Signature Tag (PrEST) antigen sequence: ASLKADSINKPFAQQCQDLVKVIEDFPAKELHTIFPWLVESIFGSLDGVL VGWNLRCLQGRVNPVEYSIVMEFLDPGGPMMKLVYKLQAEDYKFDFPVSY
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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