

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Human Alkaline phosphatase/tissue-nonspecific isozyme/ALPL Protein ABB-RP01989

Article Name	Recombinant Human Alkaline phosphatase/tissue-nonspecific isozyme/ALPL Protein
Biozol Catalog Number	ABB-RP01989
Supplier Catalog Number	RP01989
Alternative Catalog Number	ABB-RP01989-20UG,ABB-RP01989-10UG,ABB-RP01989-100UG,ABB-RP01989-1000UG,ABB-RP01989-50UG,ABB-RP01989-500UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Leu18-Ala500
Product Description	Four distinct genes encode alkaline phosphatases (APs) in humans . The ALPL gene encodes the liver/bone/kidney isozyme, also known as the tissue-nonspecific AP (TNAP). In comparison, ALPI, ALPP and ALPPL2 encode intestinal, placental and placental-li...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	54.04 kDa
NCBI	249
UniProt	P05186
Purity	90 % as determined by SDS-PAGE.

Form	Lyophilized from a 0.2 µm filtered solution of 20mM HEPES, 150mM NaCl, 2mM MgSO ₄ , 0.1mM ZnCl ₂ , pH 7.5.
Sequence	LVPEKEKDPKYWRDQAQETLKYLELQKLNTNVAKNVIMFLGDGMGVSTVTA ARILKGQLHHNPGEETRLEMDKFPFVALSKTYNTNAQVPDSAGTATAYLCGVK ANEGTVGVSAATERSRCNTTQGNEVTSILRWAKDAGKSVGIVTTTRVNHATP SAAYAHSADRDWYSDNEMPPEALSQGCKDIAYQLMHNIRDIDVIMGGGRKY MYPKNKTDVEYESDEKARGTRL DGLDLVDTWKSFKPRYKHSHFIWNR
Target	ALPL
Application Dilute	Lyophilized from a 0.2 µm filtered solution of 20mM HEPES, 150mM NaCl, 2mM MgSO ₄ , 0.1mM ZnCl ₂ , pH 7.5.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Other Recombinant Protein