

Product datasheet

Recombinant Human Alkaline Phosphatase, Tissue Non-Specific protein ab152014

Overview

Product name	Recombinant Human Alkaline Phosphatase, Tissue Non-Specific protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	HEK 293 cells
Amino Acid Sequence	
Accession	P05186
Species	Human
Sequence	<p>LVPEKEKDPKYWRDQAQETLKYALELQKLNTNVAKNV IMFLGDGMGVSTV TAARILKGQLHHNPGEETRLEMDKFPFVALSKTYNTNA QVPDSAGTATAY LCGVKANEGTVGVSAATERSRCNTTQGNEVTSILRWA KDAGKSVGIVTTT RVNHATPSAAYAHSADRDWYSDNEMPPEALSQGCK DIAYQLMHNIRDIDV IMGGGRKYMYPKNKTDVEYESDEKARGTRLDGLDLVD TWKSFKPRYKSHH FIWNRTELLTLDPHNVDYLLGLFEPGDMQYELNRNNVT DPSLSEMVVVAI QILRKNPKGFFLLVEGGRIDHGHHEGKAKQALHEAVE MDRAIGQAGSLTS SEDTLTVVTADHSHVFTFGGYTPRGNSIFGLAPMLSdT DKKPFTAILYGN GPGYKVVGGERENSMVDYAHNNYQAQSAVPLRHET HGGEDVAVFSKGPM AHLHGVHEQNYVPHVMAYAACIGANLGHCAPASSVD VHHHHHH</p>
Molecular weight	55 kDa including tags
Amino acids	18 to 502
Tags	His tag C-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152014** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Endotoxin level	< 1.000 Eu/ μ g
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.001% Zinc chloride, 0.48% HEPES, 0.88% Sodium chloride, 0.02% Magnesium sulphate
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General Info

Function	This isozyme may play a role in skeletal mineralization.
Involvement in disease	Hypophosphatasia Hypophosphatasia childhood type Hypophosphatasia infantile type
Sequence similarities	Belongs to the alkaline phosphatase family.
Post-translational modifications	N-glycosylated.
Cellular localization	Cell membrane.

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