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Datasheet for ABIN7505402

ALPL Protein (AA 18-460) (His tag)

Overview

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|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | ALPL |
| Protein Characteristics: | AA 18-460 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ALPL protein is labelled with His tag. |

Product Details

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| Sequence: | Phe 18-Ala 460 |
| Characteristics: | A DNA sequence encoding the Mouse Alpl protein (P09242) (Phe 18-Ala 460) was expressed with a N-His tag. |
| Purity: | >95 % as determined by reducing SDS-PAGE. |

Target Details

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|-------------------|---|
| Target: | ALPL |
| Alternative Name: | Alpl (ALPL Products) |
| Background: | <p>Background: Alkaline phosphatase (ALPL) is a hydrolase enzyme responsible for removing phosphate groups from many types of molecules, including nucleotides, proteins, and alkaloids. The process of removing the phosphate group is called dephosphorylation. As the name</p> <p>Synonym: AP-TNAP,TNAP,TNSALP,Alkaline phosphatase 2,Alkaline phosphatase</p> |

Target Details

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| | liver/bone/kidney isozyme,Phosphoamidase,Phosphocreatine phosphatase |
| Molecular Weight: | 48.62 kDa |
| UniProt: | P09242 |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date: | 12 months |