

Mouse Alkaline Phosphatase (Tissue Non-Specific) protein, His tag (active)

Cat. No. GTX66924-pro

Applications Functional Assay

Species Mouse

Package

10 µg

Applications

Application Note

Specific activity is > 46000 pmol/min/µg and is defined as the amount of enzyme that hydrolyze 1pmole of 4-Methylumbelliferyl phosphate to phosphate and 4-Methylumbelliferone per minute at pH 8.8 at 25°C.

Observed MW (kDa) 50-70 kDa.

Properties

Form Liquid

Buffer PBS, 10% Glycerol

Preservative No preservatives

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Concentration 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence

C-terminal His-Tag; Length: 493 a.a. Sequence: VPEKERDPSY WRQQAQETLK NALKLQKLNT NVAKNVIMFL GDGMGVSTVT AARILKQQLH HNTGEETRL MDKFPFVALS KTYNTNAQVP DSAGTATAYL CGVKANEGTV GVSAATERTR CNTTQGNEVT SILRWAKDAG KSVGIVTTR VNHATPSAAY AHSADRDWYS DNEMPPEALS QGCKDIAYQL MHNIKIDIVI MGGGRKYMYP KNRTDVEYEL DEKARGTRLD GLDLISIWKS FKPRHKHSHY VWNRETELLAL DPSRVLYLLG LFEPGDMQYE LNRNLTDP LSEMVEVALR ILTKNLKGF LLVEGGRIDH GHHEGKAKQA LHEAVEMDQA IGKAGAMTSQ KDTLTVTAD HSHVFTFGGY TPRGNSIFGL APMVSDTDKK PFTAILYGNG PGYKVVDGER ENVSMVDYAH NNYQAQSAVP LRHETHGGED VAVFAKGPMA HLLHGVHEQN YIPHVMAYAS CIGANLDHCA WAGSGLEHHH HHH

Expression System Baculovirus

Purity > 95% by SDS-PAGE.

Endotoxin < 1.0 EU/µg (determined by LAL method)

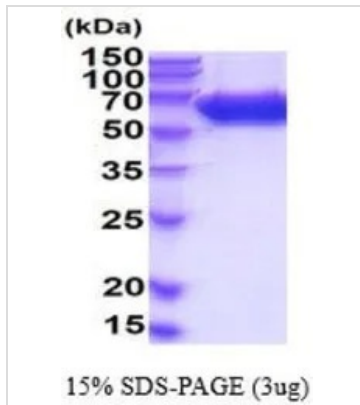
Conjugation Unconjugated

Note For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

**GTX66924-pro Image**

3 μ g of GTX66924-pro Mouse Alkaline Phosphatase (Tissue Non-Specific) protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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