

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.)

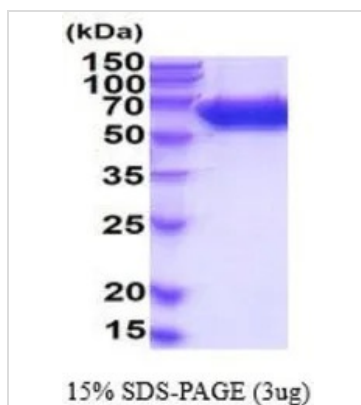
Region/Sequence C-terminal His-Tag; Length: 493 a.a. Sequence: VPEKERDPSY WRQQAQETLK NALKLQKLNT NVAKNVIMFL GDGMGVSTVT AARILKGQLH HNTGEETRL MDKFPFVALS KTYNTNAQVP DSAGTATAYL CGVKANEGTV GVSAAATERTR CNTTQGNEVT SILRWAKDAG KSVGIVTTTR VNHATPSAAY AHSADRDWYS DNEMPPEALS QGCKDIAYQL MHNIKIDIVI MGGGRKYMYP KNRTDVEYEL DEKARGTRL DGLDISIWKS FKPRHKSHY VWNRELLAL DPSRVDYLLG LFEPGDMQYE LNRNLTDP LSEMVEVALR ILTKNLKGFF LLVEGGRIDH GHHEGKAKQA LHEAVMDQA IGKAGAMTSQ KDTLTWVTAD HSHVFTFGGY TPRGNSIFGL APMVSDTDKK PFTAILYNG PGYKVVDGER ENVSMVDYAH NNYQAQSAVP LRHETHGGED VAVFAKGPM HLLHGVHEQN YIPVMAYAS 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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