

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

Cat. No. GTX66924-pro

Applications	Functional Assay	Package
Species	Mouse	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

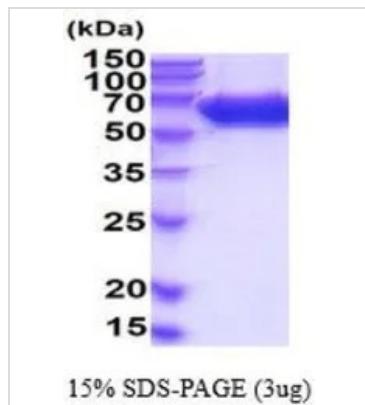
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	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 HNTGEETRLE MDKFPFVALS KTYNTNAQVP DSAGTATAYL CGVKANEGETV GVSAATERTR CNTTQGNEVT SILRWAKDAG KSVGIVTTTR VNHATPSAAY AHSADRDWYS DNEMPPEALS QGCKDIAYQL MHNIKIDIVI MGGGRKYMYP KNRTDVEYEL DEKARGTRLD GLDLISIWKS FKPRHKHSHY VWNRTELLAL DPSRVDYLLG LFEPEGDMQYE LNRNNLTDPS LSEMVEVALR ILTKNLKGFF LLVEGGGRIDH GHHEGKAKQA LHEAVEMDQA IKGAGAMTSQ KDTLTVVTAD HSHVFTFGGY TPRGNSIFGL APMVSDTDKK PFTAILYGNG PGYKWDGER ENVSMVDYAH NNYQAQSAVP LRHETHGGED VAVFAKGPM 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 µg 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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