

# Product Datasheet

## Recombinant Mouse Alkaline Phosphatase, Tissue Non-Specific His Protein NBP2-53066-10ug

Unit Size: 10 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-53066-10ug**

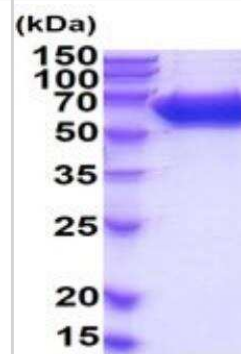
Recombinant Mouse Alkaline Phosphatase, Tissue Non-Specific His Protein

Product Information	
Unit Size	10 ug
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	PBS (pH 7.4), 10% glycerol
Target Molecular Weight	54.5 kDa
Product Description	
Description	<p>A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 19-503 of Mouse Alkaline Phosphatase, Tissue Non-Specific</p> <p><b>Source:</b> <i>Baculovirus</i></p> <p><b>Amino Acid Sequence:</b> VPEKERDPSY WRQQAQETLK NALKLQKLNT NVAKNVIMFL GDGMGVSTVT AARILKGQLH HNTGEETRLE MDKFPFVALS KTYNTNAQVP DSAGTATAYL CGVKANEGTV GVSAATERTR CNTTQGNEVT SILRWAKDAG KSVGIVTTTR VNHATPSAAY AHSADRDWYS DNEMPPEALS QGCKDIAYQL MHNIDIDVI MGGGRKYMYP KNRTDVEYEL DEKARGTRLD GLDLISIWKS FKPRHKHSHY VWNRTLLAL DPSRVDYLLG LFEPGDMQYE LNRNLTDPSS LSEMVEVALR ILTKNLKGFF LLVEGGRIDH GHHEGKAKQA LHEAVEMDQA IGKAGAMTSQ KDTLTVVTAD HSHVFTFGGY TPRGNSIFGL APMVSDTDKK PFTAILYGNG PGYKVVDGER ENVSMVDYAH NNYQAQSAVP LRHETHGGED VAVFAKGPM HLLHGVHEQN YIPVMAYAS CIGANLDHCA WAGSGLEHHH HHH</p>
Gene ID	249
Gene Symbol	ALPL
Species	Mouse
Details of Functionality	Specific activity is > 46,000 pmol/min/ug 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 25C.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity



## Images

SDS-Page: Recombinant Mouse Alkaline Phosphatase, Tissue Non-Specific Protein [NBP2-53066] - 15% SDS-PAGE (3ug)



15% SDS-PAGE (3ug)



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### **Limitations**

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