

Product Datasheet

Recombinant Human Alkaline Phosphatase/ALPP His Protein

NBP2-52266-0.01mg

Unit Size: 0.01 mg

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

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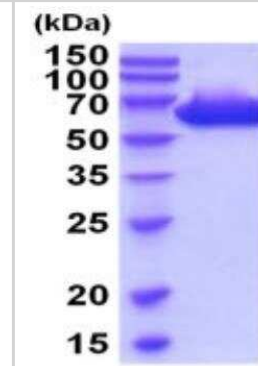
NBP2-52266-0.01mg**Recombinant Human Alkaline Phosphatase/ALPP His Protein**

Product Information	
Unit Size	0.01 mg
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	53.9 kDa
Product Description	
Description	<p>A bioactive recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 23-506 of Human Alkaline Phosphatase/ALPP</p> <p>Source: <i>Baculovirus</i></p> <p>Amino Acid Sequence: ADLMIIPVEE ENPDFWNREA AEALGAAKKL QPAQTAANKL IIFLGDGMGV STVTAARILK GQKKDKLGPE LPLAMDRFPY VALSKTYNVD KHPDSDGATA TAYLCGVKGN FQTIGLSAAA RFNQCNTTRG NEVISVMNRA KKAGKSVGVV TTTRVQHASP AGTYAHTVNR NWYSDADVPA SARQEGCQDI ATQLISNMDI DVILGGGRKY MFRMGTPDPE YPDDYSQGGT RLDGKNLVQE WLAKRQGARY VWNRTLMQA SLDPSVTHLM GLFEPGDMKY EIHRDSTLDP SLMEMTEAAL RLLSRNPRGF FLFVEGGRID HGHESRAYR ALTETIMFDD AIERAGQLTS EEDTLSLVTA DSHVFSFGG YPLRGSSIFG LAPGKARDRK AYTVELLYGNG PGYVLKDGAR PDVTESESGS PEYRQSAVP LDEETHAGED VAVFARGPQA HLHVHGVQEQT FIAHVMAFAA CLEPYTACDL APPAGTTDHH HHHH</p>
Gene ID	250
Gene Symbol	ALPP
Species	Human
Details of Functionality	Specific activity is > 2,500 units/mg, and is defined as the amount of enzyme that hydrolyze 1.0 nmole of p-nitrophenyl phosphate (pNPP) per minute at pH 7.5 at 37C.
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 Human Alkaline Phosphatase/ALPP Protein
[NBP2-52266]



15% SDS-PAGE (3ug)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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