

Acid Phosphatase-2 Human Recombinant

Item Number	rAP-1565
Synonyms	Acid Phosphatase 2, Lysosoma, EC 3.1.3.2 LAP, Lysosomal Acid Phosphatase, ACP2.
Description	ACP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 373 amino acids (31-380 a.a.) and having a molecular mass of 42.9kDa.
Uniprot Accession Number	P11117
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSRLRFVT LLYRHGDRSP VKTYPKDPYQ EEEWPQGFGQ LTKEGMLQHW ELGQALRQRY HGFLNTSYHR QEVYVRSTDF DRTLMSAEAN LAGLFPPNGM QRFNPNISWQ PIPVHTVPIT EDRLKFPLG PCPRYEQLQN ETRQTPEYQN ESSRNAQFLD MVANETGLTD LTLETVWNVY DTLFCEQTHG LRLPPWASPQ TMQRLSRLKD FSFRFLFGIY QQA EKAR- LQG GVLLAQIRKN LTLMATTSQL PKLLVYSAHD TTLVALQMAL DVYNGEQAPY ASCHIFELYQ EDSGNFSVEM YFRNESDKAP WPLSLPGCPH RCPLQDFLRL TEPVVPKDWQ QECQLASGPA DTE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	ACP2 protein solution (1mg/ml) contains 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**