Recombinant Rat ALPL Protein (18-501 aa), His-SUMO-tagged

Cat. No. ALPL-2155R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ALPL Protein (18-501 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	E.coli
ProteinLength	18-501 aa
Form	Tris-based buffer,50% glycerol
Molecular Mass	69.5 kDa
AA Sequence	FVPEKEKDPSYWRQQAQETLKNALKLQKLNTNVAKNIIMFLGDGMGVSTVTAARILK GQLHHNTGEETRLEMDKFPFVALSKTYNTNAQVPDSAGTATAYLCGVKANEGTVGV SAATERTRCNTTQGNEVTSILRWAKDAGKSVGIVTTTRVNHATPSAAYAHSADRDW YSDNEMPPEALSQGCKDIAYQLMHNIKDIDVIMGGGRKYMYPKNRTDVEYELDEKA RGTRLDGLDLISIWKSFKPRHKHSHYVWNRTELLALDPSRVDYLLGLFEPGDMQYEL NRNNLTDPSLSEMVEVALRILTKNPKGFFLLVEGGRIDHGHHEGKAKQALHEAVEMD EAIGKAGTMTSQKDTLTVVTADHSHVFTFGGYTPRGNSIFGLAPMVSDTDKKPFTAIL YGNGPGYKVVDGERENVSMVDYAHNNYQAQSAVPLRHETHGGEDVAVFAKGPMA HLLHGVHEQNYIPHVMAYASCIGANLDHCAWAS
Purity	> 90% as determined by SDS-PAGE.

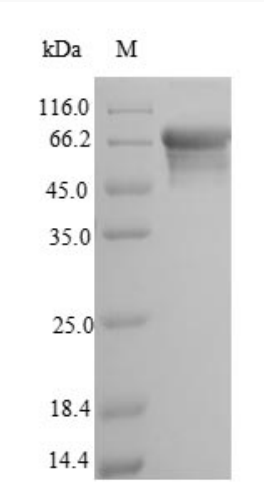
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	Alpl alkaline phosphatase, liver/bone/kidney [Rattus norvegicus]
Official Symbol	ALPL
Synonyms	ALPL; TNSALP; AP-TNAP; Akp2; PHOA; MGC93545;
Gene ID	25586
mRNA Refseq	NM_013059
Protein Refseq	NP_037191
UniProt ID	P08289

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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