

Product datasheet

Recombinant Human Placental alkaline phosphatase (PLAP) protein ab191941

Description

Product name	Recombinant Human Placental alkaline phosphatase (PLAP) protein	
Purity	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	P05187	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> IIPVEEENPDFWNREAAEALGAAKKLQPAQTAAKNLIIFLG DGMGVSTVT AARILKGQKKDKLGPEIPLAMDRFPYVALSKTYNVDKHVP DSGATATAYL CGVKGNFQTIGLSAAARFNQCNTTRGNEVISVMNRAKKAG KSVGVTTR VQHASPAGTYAHTVNRNWYSADVPASARQEGCQDIATQ LISNMDIDVIL GGGRKYMFRMGTPDPEYPDDYSQGGTRLDGKNLVQEWL AKRQGARYWNR TELMQASLDPSVTHLMGLFEPGDMKYEIHRDSTLDPSLM EMTEAALRLLS RNPRGFFLFVEGGRIDHGHESRAYRALTETIMFDDAIERA GQLTSEEDT LSLVTADHSHVFSFGGYPLRGSSIFGLAPGKARDKAYTV LLYGNGPGYV LKDGARPDVTESESGSPEYRQQSAVPLDEETHAGEDVA VFARGPQAHLVH GVQEQTFAHVMAFAACLEPYTACDLAPPAGTTDVDHHH HHH </pre>	
Predicted molecular weight	54 kDa including tags	
Amino acids	23 to 506	

Tags	His tag C-Terminus
Additional sequence information	This product is for the mature full length protein from aa 23 to 506. The signal and propeptide peptides are not included.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab191941** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.5 Constituent: 100% PBS Supplied as a 0.2 µM filtered solution.
------------------------------	---

General Info

Sequence similarities	Belongs to the alkaline phosphatase family.
Cellular localization	Cell membrane.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors