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Datasheet for ABIN7447893 **ALPPL2 Protein (His tag)**

Overview

Quantity:	100 µg
Target:	ALPPL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALPPL2 protein is labelled with His tag.

Product Details

Purpose:	Human ALPG / ALPPL2 Protein, His Tag (MALS verified)
Sequence:	Ile 20 - Asp 503
Characteristics:	Human ALPG, His Tag is expressed from human 293 cells (HEK293). It contains AA Ile 20 - Asp 503 (Accession # P10696-1).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	ALPPL2
Alternative Name:	ALPG (ALPPL2 Products)
Background:	Synonyms:ALPG,GCAP,ALP-1,ALPPL2,PLAP-like,ALPPL,Alkaline phosphatase, germ cell

Target Details

type,Description:ALPPL2 is specifically highly expressed in naive pluripotent stem cells. Moreover, in naive state somatic cell reprogramming, naive-primed transformation and other systems, the use of the ALPPL2 promoter-driven fluorescent reporter system can specifically indicate the establishment or withdrawal of naive state pluripotency, thereby identifying ALPPL2 as naive state pluripotent. specific cell surface markers. Some studies have found that knockout of ALPPL2 can specifically affect the establishment, stability and maintenance of naive state pluripotency, proving that ALPPL2 protein is a functional naive state surface molecular marker.

Molecular Weight:	54.5 kDa
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Application Details

Comment:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 54.5 kDa. The protein migrates as 60-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 7.5
Storage:	-20 °C
Storage Comment:	-20°C