

Datasheet for ABIN1476889

**ITGB1 Protein (AA 21-246) (His tag)**[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | ITGB1  |
| Protein Characteristics:      | AA 21-246                                    |
| Origin:                       | Sheep  |
| Source:                       | Yeast  |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This ITGB1 protein is labelled with His tag. |
| Application:                  | ELISA  |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | QADENRCLKA NAKSCGECIQ AGPNCGWCTN STFLQEGMPT SARCDDEAL KKKGCHPNDI<br>ENPRGSKDIK KNKNVTNRSK GTAEKLQPED ITQIQPQLV LQLRSGEPQT FTLKFKRAED<br>YPIDLYYLM DLSYSMKDDLE NVKSLGTDLM NEMRRITSDF RIGFGSFVEK TVMPYISTTP<br>AKLRNPCTNE QNCTSPFSYK NVLSLTDKGE VFNELVGKQR ISGNLD |
| Specificity:     | Ovis aries (Sheep)  |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.  |
| Purity:          | > 90 %  |

## Target Details

|         |       |
|---------|-------|
| Target: | ITGB1 |
|---------|-------|

## Target Details

|                   |   |
|-------------------|---|
| Alternative Name: | Integrin beta-1 (ITGB1) ( <a href="#">ITGB1 Products</a> )  |
| Background:       | Recommended name: Integrin beta-1.<br>Alternative name(s): Fibronectin receptor subunit beta Integrin subunit beta-1 VLA-4 subunit<br>beta CD_antigen= CD29   |
| UniProt:          | <a href="#">B0FY44</a>  |
| Pathways:         | <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">Integrin Complex</a> , <a href="#">SARS-CoV-2 Protein Interactome</a> |

## Application Details

|               |  |
|---------------|--|
| Comment:      | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only  |

## Handling

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Concentration:   | 0.2-2 mg/mL   |
| Buffer:          | Tris-based buffer, 50 % glycerol  |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage:         | -20 °C  |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.                                |