Datasheet for ABIN5709021

# Iba1 Protein (AA 2-147) (His tag)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | Iba1 (IBA1) |
| Protein Characteristics: | AA 2-147 |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Iba1 protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

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|---|---|
| Sequence: | SQSRDLQGGK AFGLLKAQQE ERLEGINKQF LDDPKYSNDE DLPSKLEAFK VKYMEFDLNG NGDIDIMSLK RMLEKLGVPK THLELKRLIR EVSSGSEETF SYSDFLRMML GKRSAILRMI LMYEEKNKEH KRPTGPPAKK AISELP |
| Purification: | SDS-PAGE |
| Purity: | > 90 % |

## Target Details

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|---|---|
| Target: | Iba1 (IBA1) |
| Alternative Name: | AIF1 (IBA1 Products) |
| Background: | Actin-binding protein that enhances mbrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. |

## Target Details

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|---|---|
| | May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation. |
| Molecular Weight: | 20.9 kDa |
| UniProt: | O70200 |
| Pathways: | Smooth Muscle Cell Migration |

## Application Details

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|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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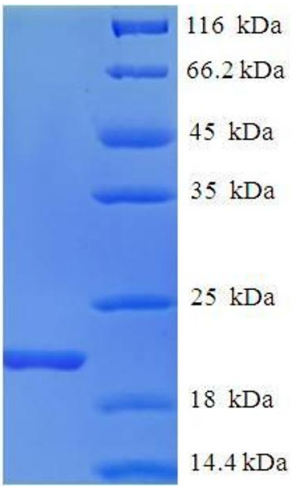
|---|---|
| Format: | Liquid |
| Concentration: | 0.1-2 mg/mL |
| Buffer: | 20 mM Tris-HCl based buffer, pH 8.0 |
| Storage: | -80 °C,4 °C,-20 °C |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

## Images




**SDS-PAGE**

**Image 1.**