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## Datasheet for ABIN7092824 **ARHGEF5 Protein (His tag)**

### Overview

Quantity:	100 µg
Target:	ARHGEF5
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARHGEF5 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant human TIM1 protein with C-terminal 6xHis tag
Specificity:	TIM1 (Ser21-Gly295) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

### Target Details

Target:	ARHGEF5
Alternative Name:	TIM1 ( <a href="#">ARHGEF5 Products</a> )
Background:	Synonyms: HAVCR Description: The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma

## Target Details

and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19. [provided by RefSeq, Apr 2015]

**Molecular Weight:** predicted molecular mass of 30.3 kDa after removal of the signal peptide. The apparent molecular mass of TIM1-His is 100-130 kDa due to glycosylation.

**UniProt:** [Q96D42](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Reconstitution:** Reconstitute with deionized water

**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

**Expiry Date:** 12 months