

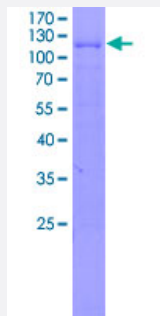
Full-Length

# THEMIS (Human) Recombinant Protein (P01)

Catalog # H00387357-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human THEMIS full-length ORF (ADR83235.1, 1 a.a. - 641 a.a.) recombinant protein with GST tag at N-terminal.

### Sequence

MALSLEEFVHSLDLRTLPRVLEIQAGMLEGSIYEMFGNECCFSTGEVIKITGLKVKKIAEICEQIEGC  
ESLQPFELPMNFPGLFKIVADKTPYLTMEETRTIHIGPSRLGHPCFYHQDKLENLIKQGEQIMLNS  
VEEIDGEIMVSCAVARNHQTHSFNPLSQEGEFYECEDERYTLKEMEWKIPKNRTRTVNLTDFSN  
KWDSTNPFKDFYGTLLKPVYEQGVMMKFRKDIIRILPSLDVEVKDITDSYDANWFLQLLSTEDLFE  
MTSKEFPVTEVIEAPEGNHLPQSILOPGKTVIHKKYQASRILASEIRSNFPRHFLIPTSYKGKFKRR  
PREFPTAYDLEIAKSEKEPLHVVATKAFHSPHDKLSSVSVGDQFLVHQSETTEVLCEGIKKVNV  
LACEKILKKSIEAALLPLYMEGGFVEVIHDKKQYPISELCKQFRLPFNVKVSVRDLSIEDVLAATP  
GLQLEEDITDSYLLISDFANPTECWEIPVGRNMTVQLVSNFSRDAEPFLVRTLVEEITEEQYMMR  
RYESSASHPPRPPKHPSVEETKLTLTLAEERTVDLPKSPKRHHVDITKKLHPNQAGLDSKVLIG  
SQNDLVDEEKERSNRGATAVAETFKNEKHQK

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

97

### Interspecies Antigen Sequence

Mouse (81)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue                               |
| Storage Buffer          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| Note                    | Best use within three months from the date of receipt of this protein.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — THEMIS

|                     |                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">387357</a>                                                                                                                                                                                                                                                                                                                                                   |
| GeneBank Accession# | <a href="#">HQ258481.1</a>                                                                                                                                                                                                                                                                                                                                               |
| Protein Accession#  | <a href="#">ADR83235.1</a>                                                                                                                                                                                                                                                                                                                                               |
| Gene Name           | THEMIS                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Alias          | C6orf207, FLJ40584, MGC163388, bA325O24.3, bA325O24.4                                                                                                                                                                                                                                                                                                                    |
| Gene Description    | chromosome 6 open reading frame 190                                                                                                                                                                                                                                                                                                                                      |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                |
| Gene Summary        | This gene encodes a protein that plays a regulatory role in both positive and negative T-cell selection during late thymocyte development. The protein functions through T-cell antigen receptor signaling, and is necessary for proper lineage commitment and maturation of T-cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000040316 hypothetical protein LOC387357                                                                                                                                                                                                                                                                                                                        |

## Disease

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