

Recombinant human TIM-3/HAVCR2 protein

Catalog Number: ATGP1875

PRODUCT INFORMATION

Expression system

E.coli

Domain

22-202aa

UniProt No.

Q8TDQ0

NCBI Accession No.

AAH63431

Alternative Names

Hepatitis A virus cellular receptor 2, T-cell immunoglobulin and mucin domain-containing protein 3, TIMD-3, T-cell immunoglobulin mucin receptor 3, TIM-3, T-cell membrane protein 3, CD366

PRODUCT SPECIFICATION

Molecular Weight

22.7 kDa (206aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HAVCR2, also known as TIM3, belongs to the immunoglobulin superfamily. HACVR2 regulates macrophage activation. It Inhibits T-helper type 1 lymphocyte (Th1) -mediated auto- and alloimmune responses and promotes immunological tolerance. Recombinant human HAVCR2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGSHM>SEVEY RAEVGQNAYL PCFYTPAAPG NLVPVCWGKG ACPVFECGNV
VLRTDERDVN YWTSRYWLNG DFRKGDVSLT IENVTLADSG IYCCRIQIPG IMNDEKFNLK LVIKPAKVTP APTLQRDFTA
AFPRMLTTRG HGPAETQTLG SLPDINLTQI STLANELRDS RLANDLRDSG ATIRIG

General References

Sanchez-Fueyo A., et al. (2003) Nat. Immunol. 4:1093-1101

Zhu C., et al. (2005) Nat. Immunol. 6:1245-1252

DATA

SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

