

RP00712

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Recombinant Marmoset TIM-3/HAVCR2 Protein

Catalog No.: RP00712

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Marmoset		F71881

Tags
C-6×His

Synonyms

Hepatitis A virus cellular receptor 2 homolog;HAVcr-2;T-cell immunoglobulin and mucin domain-containing protein 3;T-cell immunoglobulin mucin receptor 3;T-cell membrane protein 3;Tim3;Timd3

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

T cell immunoglobulin and mucin domain-3 (TIM3,HAVCR2), is a transmembrane glycoprotein of the TIMfamily of immune regulating molecules and plays an important role in the Th1-mediated immune response. TIM3 is expressed on the Th1 cells, CD8 T-cells, monocytes, and dendritic cells, but not on Th2 cells. TIM3 expressed by monocytes and dendritic cells facilitates phagocytosis of apoptotic cells and up-regulates cross-presentation of apoptotic cell-associated antigens through interaction with phosphatidylserine. Engagement of TIM3 by its ligand galectin-9 induces a range of immunosuppressive functions which enhance immunetolerance and inhibit anti-tumor immunity. Stimulation of TIM3 with an agonistic antibody promotes inflammation through the activation of innate immune cells. TIM3 is also regarded as a potential targetmolecule for immunotherapy. TIM3 and programmed cell death 1 (PD-1) as two important coinhibitoryregulators of T cell responses, have been implicated with the T-cell dysfunction or exhaustion associated withchronic HBV infection including HBV-related HCC.

Basic Information

Description

Recombinant Marmoset TIM-3/HAVCR2 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Glu24-Ile193) of marmoset TIM-3/HAVCR2 (Accession #F71881) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

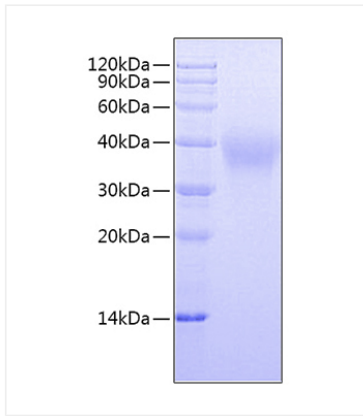
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Marmoset TIM-3/HAVCR2
Protein was determined by SDS-PAGE under
reducing conditions with Coomassie Blue.