Product datasheet for TP700235

TIM 3 (HAVCR2) (NM_032782) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of human T-cell immunoglobulin mucin receptor 3 (TIM3), with C-terminal Fc tag, expressed in human cells, 20 µg
Species: Human
Expression Host: HEK293
Tag: C-Fc
Predicted MW: 45 kDa
Concentration: >50 µg/mL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: PBS, pH7.4, 10% glycerol
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: NP_116171
Locus ID: 84868
RefSeq Size: 2448
Cytogenetics: 5q33.3
RefSeq ORF: 903
Synonyms: CD366; HAVcr-2; KIM-3; SPTCL; Tim-3; TIM3; TIMD-3; TIMD3
Summary: The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance. [provided by RefSeq, Sep 2011]
Protein Families: Druggable Genome, Transmembrane