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Product datasheet for TP720643L

TIM 3 (HAVCR2) (NM_032782) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human hepatitis A virus cellular receptor 2 (HAVCR2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ser22-Arg200
Tag:	C-His
Predicted MW:	20.86 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_116171
Locus ID:	84868
UniProt ID:	Q8TDQ0
RefSeq Size:	2448
Cytogenetics:	5q33.3
RefSeq ORF:	903
Synonyms:	CD366; HAVcr-2; KIM-3; SPTCL; Tim-3; TIM3; TIMD-3; TIMD3

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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