

Recombinant Human TIM4 Protein

Catalog #	Source	Reactivity	Applications
CRP2830	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human TIM4 Protein is produced by mammalian expression system and the target gene encoding Glu25-Leu315 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	TIMD4		
Alternative Names	TIM4; T-cell immunoglobulin and mucin domain-containing protein 4; TIMD-4; T-cell immunoglobulin mucin receptor 4; TIM-4; T-cell membrane protein 4		
Entrez Gene	91937 (Human)		
SwissProt	Q96H15 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	ETVVTEVLGH RVTLPCLYSS WSHNSNSMCW GKDQCPYSGC KEALIRTDGM RVTSRKSAYK RLQGTIPRGD VSLTILNPSE SDGVIYCCRI EVPGWFNDVK INVRLNLQRA STTTHRTATT TTRRTTTTSP TTTRQMTTTP AALPTTVVTT PDLTTGTPLQ MTTIAVFTTA NTCLSLTPST LPPEATGLLT PEPSKEGPIL TAESETVLPV DSWSSAESTS ADTVLLTSKE SKVWDLPSTS HVSMWKTSDDS VSSPQPGASD TAVPEQNKTT KTGQMDGIPM SMKNEMPISQ LHHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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