

Mouse Tim-3/HAVCR2 Protein

HA210211



Product name:	Mouse Tim-3/HAVCR2 Protein
Species reactivity:	Mouse
Protein construction description:	Recombinant Mouse Tim-3/HAVCR2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Leu22-Arg191.
Background:	Hepatitis A virus cellular receptor 2 (HAVCR2), also known as T-cell immunoglobulin and mucin-domain containing-3 (TIM-3), is a protein that in humans is encoded by the HAVCR2 gene. TIM3 is an immune checkpoint and together with other inhibitory receptors including programmed cell death protein 1 (PD-1) and lymphocyte activation gene 3 protein (LAG3) mediate the CD8 T-cell exhaustion. TIM3 has also been shown as a CD4 Th1-specific cell surface protein that regulates macrophage activation and enhances the severity of experimental autoimmune encephalomyelitis in mice.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	Q8VIM0-1
Predicted molecular mass:	The protein has a predicted MW of 19.9 kDa, Due to glycosylation, the protein migrates to 40-68 kDa based on Tris-Bis PAGE result
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

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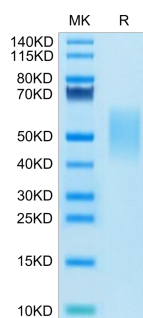


Fig1: Mouse TIM-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

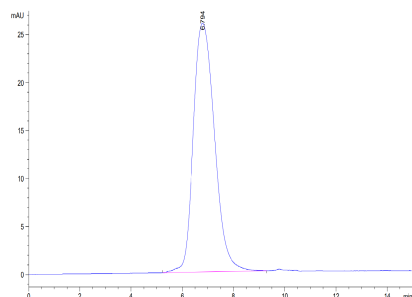


Fig2: The purity of Mouse TIM-3 is greater than 95% as determined by SEC-HPLC.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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