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**Hepatitis A virus cellular receptor 1, 22-237aa, Mouse, His tag, Insect cell**

**Cat.NO.: TP02433**

3th Edition

**Synonyms:**Havcr1, TIM-1, Tim1, Timd1, KIM-1

**Description:**HAVCR1, also known as hepatitis A virus cellular receptor 1, belongs to the immunoglobulin superfamily. This protein plays critical roles in regulating immune cell activity especially regarding the host response to viral infection. It is receptor for TIMD4 and acts in kidney injury and repair. HAVCR1 is also involved in allergic response, asthma, and transplant tolerance. Recombinant mouse HAVCR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**24.4kDa (222aa) 40-57KDa (SDS-PAGE under reducing conditions.)

**Sequences:**

YVEVKGVVGHVPTLPCTYSTYRGITTTWCWGRGQCPSSACQNTLIWTNGHRVITYQSSRYNLKGHISEGDVSLTIEN  
SVESDSGLYCCRVEIPGWFNDQKVTFSLQVKPEIPTRPPTTRPTTTRPTATGRPTTISTRSTHVPTSIRVSTSTPPTST  
HTWTHKPEPTTFCPHETTAEVTGIPSHTPTDWNGTVTSSGDTWSNHTEAIPPGKPKQNPTKGHHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.