Recombinant Mouse TIM1/HAVCR1 Protein (His Tag)

Catalog No. PKSM041333

Note: Centrifuge before opening to ensure complete recovery of vial contents.

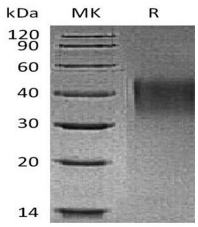
Description

Synonyms	Hepatitis A virus cellular receptor 1 homolog;HAVcr-1;Kidney injury molecule 1;KIM-1;T cell membrane protein 1;TIM-1;Timd1;AI503787
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Tyr22-Thr212
Accession	Q5QNS5
Calculated Molecular Weight	21.8 kDa
Observed molecular weight	35-50 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

TIM-1/KIM-1/HAVCR belongs to the immunoglobulin superfamily that cosisits 305 amino acid (aa). It is expressed by

stimulated T-cells. TIM-1/KIM-1/HAVCR may play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4. And may have a role in kidney injury and repair. Belongs to the T-cell and airway phenotype regulator (Tapr) locus, a single chromosomal region that confers reduced T-helper type 2 responsiveness and protects against airway hyperactivity (AHR), the hallmark of human asthma.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com