
Product Data Sheet

Product Name: HAVCR2 Human
 Cat. No.: GP25325
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Hepatitis A virus cellular receptor 2; HAVcr-2; T-cell immunoglobulin and mucin domain-containing protein 3; TIMD-3; T-cell membrane protein 3; TIM-3; HAVCR2; TIM3; TIMD3; TIM3; KIM-3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGS HMSEVEY RAEVGQNAYL PCFYTPAAPG NLVPVCWGKG ACPVFECGNV VLRTDERDVN YWTSRYWLNG DFRKGDVSLT IENVTLADSG IYCCRIQIPG IMNDEKFNLK LVIKPAKVTP APTLQRDFTA AFPRMLTTRG HGPAETQTLG SLPDINLTQI STLANELRDS RLANDLRDSG ATIRIG.		
Formulation	The HAVCR2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

Introduction

Hepatitis A Virus Cellular Receptor 2 (HAVCR2) is a member of the immunoglobulin superfamily. HACVR2 controls macrophage activation. HACVR2 inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and stimulates immunological tolerance.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Recombinant Human HAVCR2 produced in E. coli is a single polypeptide chain containing 206 amino acids (aa 22-202) and having a molecular mass of 22.7kDa. HAVCR2 is fused

Caution: Product has not been fully validated for medical applications. For research use only.

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to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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