
Product Data Sheet

Product Name: HAVCR2 Human, Sf9

Cat. No.: GP25326

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms Hepatitis A virus cellular receptor 2; HAVCR2; Hepatitis A virus cellular receptor 2; HAVcr-2; T-cell immunoglobulin and mucin domain-containing protein 3; TIMD-3; T-cell immunoglobulin mucin receptor 3; TIM-3; T-cell membrane protein 3; TIM3; TIMD3; KIM-3.

Amino Acid Sequence
 ADLSEVEYRA EVGQNAYLPC FYTPAAPGNL VPVCWGGKAC PVFECGNVVL
 RTDERDVNYW TSRYWLNGDF RKGDVSLTIE NVTLADSGIY CCRIQIPGIM
 NDEKFNKLV IKPAKVTPAP TRQRDFTAAF PRMLTTRGHG PAETQTLGSL
 PDINLTQIST LANELRDSRL ANDLRDSGAT IRIGLEPKSC DKTHTCPPCP
 APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD
 GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA
 PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE
 WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE
 ALHNHYTQKS LSLSPGKHHH HHH.

Formulation The HAVCR2 solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Introduction

Hepatitis A Virus Cellular Receptor 2 (HAVCR2) is a member of the immunoglobulin superfamily. HAVCR2 controls macrophage activation. HAVCR2 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%

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

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HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Recombinant Human HAVCR2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 423 amino acids (aa 22-202) and having a molecular mass of 47.3kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).

HAVCR2 is fused to a 239 amino acid hIgG-His-tag at C-terminus & purified by proprietary chromatographic techniques.

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