
Product Data Sheet

Product Name: HAVCR2 Mouse
 Cat. No.: GP26430
 Batch No.: 1

Product Data

Purity	>98%	Source	HEK293 cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
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	RSLNAYVFE VGKNAYLPCS YTLSTPGALV PMCWKGKFCP WSQCTNELLR TDERNVTYQK SSRYQLKGD L NKGDVSLI IK NVTLDDHGT Y CCRIQFPGLM NDKKLELKLD IKA AKVTPAQ TAHGDSTTAS PRTL TTERN G SETQTLVTLH NNGTKISTW ADEIKDSGET IRTALEPKSC DKHTHTCPPCP 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 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).		

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.

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

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Background

HAVCR2 Mouse Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (20-193 a.a) containing 413 amino acids and having a molecular mass of 46.3kDa. HAVCR2 is fused to a 239 amino acid hIgG-His-Tag at C-terminus & purified by proprietary chromatographic techniques.

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