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Product Information

MemDX™ Membrane Protein Human HCST (Hematopoietic cell signal transducer) Full Length

Cat. No.: **MPC1502K**
This product is for research use only and is not intended for diagnostic use.

This product is a 9.4 kDa Human HCST membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
HCST

Protein Length
Full length

Protein Class
Immunity

Molecular Weight
9.4 kDa

TMD
1

Sequence
MIHLGHILFLLLLPVAAAQTTPGERSSLPAFYPGTSGSCSGCGSLSLPLL
AGLVAADAVASLLIVGAVFLCARPRRSPAQEDGKVYINMPGRG

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format
Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

HCST

Full Name

Hematopoietic cell signal transducer

Introduction

This gene encodes a transmembrane signaling adaptor that contains a YxxM motif in its cytoplasmic domain. The encoded protein may form part of the immune recognition receptor complex with the C-type lectin-like receptor NKG2D. As part of this receptor complex, this protein may activate phosphatidylinositol 3-kinase dependent signaling pathways through its intracytoplasmic YxxM motif. This receptor complex may have a role in cell survival and proliferation by activation of NK and T cell responses. Alternative splicing results in two transcript variants encoding different isoforms.

Alternative Names

HCST; DAP10; KAP10; PIK3AP; DNAX-activation protein 10; kinase assoc pro of ~10kDa; kinase assoc protein; membrane protein DAP10; phosphoinositide-3-kinase adaptor protein; transmembrane adapter protein KAP10; Hematopoietic cell signal transducer

Gene ID

10870

UniProt ID

Q9UBK5