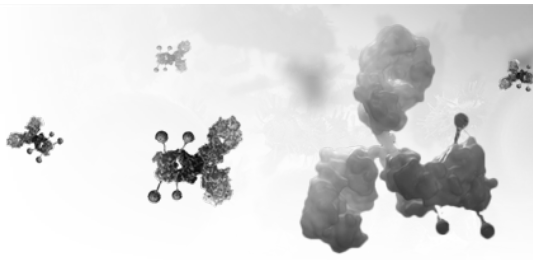

Human HCST blocking peptide (CDBP0960)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DAP10/HCST antibody
Antigen Description	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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HCST hematopoietic cell signal transducer [Homo sapiens]
Official Symbol	HCST
Synonyms	HCST; hematopoietic cell signal transducer; phosphoinositide 3 kinase adaptor protein ,

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	PIK3AP; DAP10; DKFZP586C1522; DNAX activation protein 10; KAP10; kinase assoc pro of ~10kDa; kinase assoc protein; membrane protein DAP10; DNAX-activation protein 10; transmembrane adapter protein KAP10; phosphoinositide-3-kinase adaptor protein; PIK3AP;
Entrez Gene ID	10870
mRNA Refseq	NM_001007469
Protein Refseq	NP_001007470
UniProt ID	Q9UBK5
Chromosome Location	19q13.1
Pathway	Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem; Natural killer cell mediated cytotoxicity, organism-specific biosystem; Natural killer cell mediated cytotoxicity, conserved biosystem;

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