

Recombinant Human HCST Protein, MYC/DDK-tagged

Cat. No. HCST-1055H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human HCST protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	7.3 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	HCST hematopoietic cell signal transducer [Homo sapiens]
Official Symbol	HCST
Synonyms	DAP10; KAP10; PIK3AP
Gene ID	10870
mRNA Refseq	NM_001007469
Protein Refseq	NP_001007470
MIM	604089
UniProt ID	Q9UBK5

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