

## Recombinant Human HCST Protein, MYC/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

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