Recombinant Human HCST Protein, mFc-tagged

Cat. No. HCST-1309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HCST Protein(Q9UBK5-1) (Met1-Pro48) was expressed in HEK293, fused with Fc region of mouse IgG at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-48 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human HCST/mFc is a disulfide-linked homodimer. The reduced monomer comprises 264 amino acids and has a predicted molecular mass of 29.3 kDa. The apparent molecular mass of the protein is approximately 34 in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	(67.3+28) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

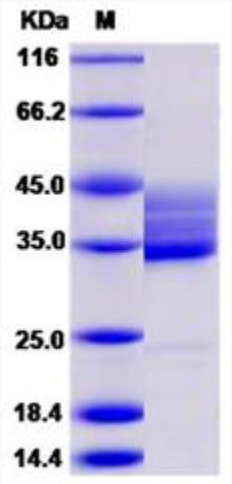
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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 , 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;
Gene ID	10870
mRNA Refseq	NM_001007469
Protein Refseq	NP_001007470
MIM	604089
UniProt ID	Q9UBK5

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SDS-PAGE	

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