

Recombinant Human HCST protein(Met1-Pro48), mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human HCST (Q9UBK5-1) (Met-Pro48) was expressed in HEK293, fused with Fc region of Mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro48
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 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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