

Recombinant Human HCST, Fc tagged

Cat. No. HCST-130H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HCST (Q9UBK5-1) (Met1-Pro48), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-48 a.a.
Predicted N Terminal	Gln 19
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol 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 conditi
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(67.3+28) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. 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

Gene ID

10870

mRNA Refseq

NM_001007469

Protein Refseq

NP_001007470

MIM

604089

UniProt ID

Q9UBK5

**Chromosome
Location**

19q13.1

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