

Recombinant Full Length Human DCST1 Protein, GST-tagged

Cat. No. DCST1-2933HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DCST1 full-length ORF (BAB71440.1, 1 a.a. - 706 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	706 amino acids
Description	This gene encodes a protein with a domain similar to one found in dendritic cells (PMID:11169400) which play a key role in antigen processing and display for immune responses. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Molecular Mass	107.1 kDa
AA Sequence	MDIKHHQNGTRGQRRKQPHTTVQRLLTWGLPVSCSWFLWRQPGFEPVTALLLGAG AGGLLAIGLFQLLVNPMMNIYEEQKIMFLYSLVGLGAMGWGTSPHIRCASLLVPMKMLG KEGRLFVLGYALAAIYVGPVANLRHNLNNVIASLGCTVELQINNTRAAWRISTAPLRA MFKDLLSSKELLRAETRNISATFEDLDAQVNSETGYTPEDTMDSGETAQGREARQA PASRLHLSTQKMYELKTKLRCSYVVNQAILSCRRWFDRKHEQCMKHIWVPLLTHLL CLPMKFKFCCGIKVMVWCRNRIPVEGNFGQTYDSL NQSIRGLDGEFSANIDFKEE KQAGVLGLNTSWERVSTEV RDYVYRQEARLEWALGLLHVLLSCTFLLVLHASFSYM DSYNHDIRFDNIYISTYFCQIDDRRKKLGKRTLLPLRKAEKTVIFPCKPTIQASEMSN VVRELLETLPILLLLVLCLDGLDWALYSIFDTIRHHSFLQYSFRSSHKLEVKGVGDSLLA

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RLLRKTIGALNTSSETVMESNNMPCLPQPVGLDARAYWRAAVPIGLLVCLCLLQAFG
 YRLRRVIAAFYFPKREKKRILFLYNDLLKKRAAFTKLRRRAAILRRERQQKAPRHPLADI
 LHRGCPLLRRWLCRRCVVCQAPETPESYVCRTLDCEAVYCWSCWDDMRQRCPVC
 TPREELSSSAFSDSNDDTAYAG

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name DCST1 DC-STAMP domain containing 1 [Homo sapiens]

Official Symbol DCST1

Synonyms DCST1; DC-STAMP domain containing 1; DC-STAMP domain-containing protein 1; FLJ32785;

Gene ID 149095

mRNA Refseq NM_001143687

Protein Refseq NP_001137159

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MIM	619860
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UniProt ID	Q5T197
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