

Recombinant Human CANT1 protein, hFc-tagged

Cat. No. CANT1-7348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CANT1 protein(Q8WVQ1-1) (Gly80-Ile401) was expressed in HEK293, with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	80-401 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human CANT1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 582 amino acids and has a predicted molecular mass of 64.3 kDa. The apparent molecular mass of the protein is approximately 65 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % 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 [CANT1 calcium activated nucleotidase 1 \[Homo sapiens \]](#)

Official Symbol [CANT1](#)

Synonyms CANT1; calcium activated nucleotidase 1; soluble calcium-activated nucleotidase 1; SCAN 1; SHAPY; Soluble Ca Activated Nucleotidase; isozyme 1; apyrase homolog; putative MAPK-activating protein PM09; putative NF-kappa-B-activating protein 107; soluble Ca-activated nucleotidase, isozyme 1; soluble calcium-activated nucleotidase SCAN-1; Ca²⁺-dependent endoplasmic reticulum nucleoside diphosphatase; micromelic dwarfism with vertebral and metaphyseal abnormalities and advanced carpotarsal ossification; DBQD; SCAN1; SCAN-1;

Gene ID [124583](#)

mRNA Refseq [NM_001159772](#)

Protein Refseq [NP_001153244](#)

MIM [613165](#)

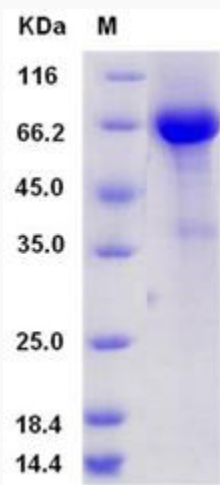
UniProt ID [Q8WVQ1](#)

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SDS-PAGE



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