

Recombinant Human CANT1 Protein, His-tagged

Cat. No. CANT1-489H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CANT1 Protein(Q8WVQ1-1)(Gly 80-Ile 401) was expressed in HEK293, fused with polyhistidine tag 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 consists of 342 amino acids and has a calculated molecular mass of 38 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh CANT1 is approximately 40kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 88 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

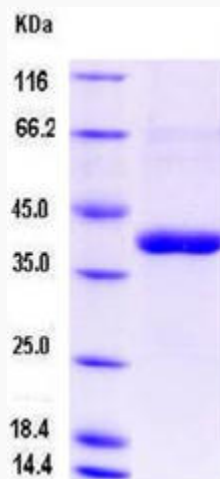
Gene Name	CANT1 calcium activated nucleotidase 1 [Homo sapiens]
Official Symbol	CANT1
Synonyms	CANT1; calcium activated nucleotidase 1; soluble calcium-activated nucleotidase 1; SCAN 1; SHAPY; Soluble Ca Activated Nucleotidase; isozyme 1; apyrase homolog; putative MAPK-activating protein PM09; putative NF-kappa-B-activating protein 107; soluble Ca-activated nucleotidase, isozyme 1; soluble calcium-activated nucleotidase SCAN-1; Ca ²⁺ -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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