

## Product datasheet for **TP762123**

### **CANT1 (NM\_138793) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human calcium activated nucleotidase 1 (CANT1), transcript variant 1, Arg63-end, with N-terminal His tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Arg63-end) of CANT1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	37.8 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_620148</a>
<b>Locus ID:</b>	124583
<b>UniProt ID:</b>	<a href="#">Q8WVQ1</a> , <a href="#">A0A024R8U8</a>
<b>RefSeq Size:</b>	3545
<b>Cytogenetics:</b>	17q25.3
<b>RefSeq ORF:</b>	1203
<b>Synonyms:</b>	DBQD; DBQD1; EDM7; SCAN-1; SCAN1; SHAPY



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**Summary:**

This protein encoded by this gene belongs to the apyrase family. It functions as a calcium-dependent nucleotidase with a preference for UDP. Mutations in this gene are associated with Desbuquois dysplasia with hand anomalies. Alternatively spliced transcript variants have been noted for this gene.[provided by RefSeq, Mar 2010]

**Protein Families:**

Secreted Protein

**Protein Pathways:**

Purine metabolism, Pyrimidine metabolism

**Product images:**