

Recombinant Human CAPS Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CAPS-5014H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CAPS MS Standard C13 and N15-labeled recombinant protein (NP_542157) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. Alternative splicing of this gene generates two transcript variants.
Molecular Mass	17.6 kDa
AA Sequence	MDAVDATMEKLRAQCLSRGASGIQGLARFFRQLDRDGSRLDADEFRQGLAKLGL VLDQAEAEAGVCRKWDNRNGSGTLDLEEFRLRALRPPMSQAREAVIAAAFAKLDRSGD GVVTVDDLRLGVYSGRAHPKVTLAEFQDYYSVGSASMNTDEEFVAMMTSAWQLTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CAPS calcyphosine [Homo sapiens (human)]
Official Symbol	CAPS
Synonyms	CAPS; calcyphosine; calcyphosin; calcyphosine 1; CAPS1; MGC126562; thyroid protein p24;
Gene ID	828
mRNA Refseq	NM_080590
Protein Refseq	NP_542157
MIM	114212
UniProt ID	Q13938

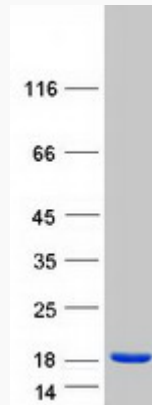
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SDS-PAGE



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