

Recombinant Full Length Human CAPS Protein, GST-tagged

Cat. No. CAPS-2842HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPS full-length ORF (NP_004049.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	189 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	47.4 kDa
AA Sequence	MDAVDATMEKLRAQCLSRGASGIQGLARFFRQLDRDGSRLDADEFQRQGLAKLGL VLDQAEAEAGVCRKWDRNGSGTLDLEEFRLRALRPPMSQAREAVIAAAFAKLDRSGD GVVTVDLRLRGVYSGRAHPKVRSGEWTEDEVLRRLDNFDSSEKDGQVTLAEFQDY YSGVSASMNTDEEFVAMMTSAWQL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

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	CAPS calcyphosine [Homo sapiens]
Official Symbol	CAPS
Synonyms	CAPS; calcyphosine; calcyphosin; calcyphosine 1; CAPS1; MGC126562; thyroid protein p24;
Gene ID	828
mRNA Refseq	NM_004058
Protein Refseq	NP_004049
MIM	114212
UniProt ID	Q13938

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