

Recombinant Human CAPS, His-tagged

Cat. No. CAPS-10711H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPS protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-189a.a.
Description	This gene is a member of Ser/Thr protein kinase family and encodes a phosphorylated protein with protein kinase activity. Mutations in this gene have been associated with X-linked infantile spasm syndrome (ISSX), also known as X-linked West syndrome, and Rett syndrome (RTT). Alternate transcriptional splice variants have been characterized.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name CAPS calcyphosine [Homo sapiens]

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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
Chromosome Location	19p13.3
Function	calcium ion binding;

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