

Recombinant Human CAPS Protein, His-tagged

Cat. No. CAPS-588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPS(Met1~Leu189) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu189
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	24.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

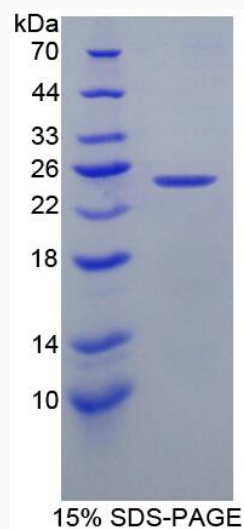
GENE INFORMATION

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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