

Recombinant Human CAPSL, GST-tagged

Cat. No. CAPSL-10713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPSL protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-198a.a.
Description	This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene.
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CAPSL calcyphosine-like [Homo sapiens]
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Official Symbol	CAPSL
Synonyms	CAPSL; calcyphosine-like; calcyphosin-like protein; MGC26610;
Gene ID	133690
mRNA Refseq	NM_001042625
Protein Refseq	NP_001036090
UniProt ID	Q8WWF8
Chromosome Location	5p13.2
Function	calcium ion binding;

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