

Product datasheet for **TP310271L**

CAPS (NM_004058) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calcyphosine (CAPS), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210271 protein sequence Red =Cloning site Green =Tags(s)
	MDAVDATMEKLRQAQLSRGASGIQGLARFFRQLDRDGSRLDADEFQGLAKLGLVLDQAEAEGVCRKWD RNGSGTLDLEEFRLRPPMSQAREAVIAAAFAKLDRSGDGVVTVDDLGRGVYSGRAHPKVRSGEWTEDEV LRRFLDNFDSSEKDGQVTLAEFQDYYSGVASMTNTDEEFVAMMTSAWQL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004049</u>
Locus ID:	828
UniProt ID:	<u>Q13938</u> , <u>A0A384NYV7</u> , <u>Q96ET4</u>
RefSeq Size:	1613



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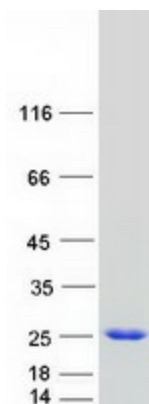
Cytogenetics: 19p13.3

RefSeq ORF: 567

Synonyms: CAPS1

Summary: 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]

Product images:



Coomassie blue staining of purified CAPS protein (Cat# [TP310271]). The protein was produced from HEK293T cells transfected with CAPS cDNA clone (Cat# [RC210271]) using MegaTran 2.0 (Cat# [TT210002]).