

# Recombinant Full Length Human CADPS Protein, GST-tagged

**Cat. No.** CADPS-3044HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CADPS full-length ORF (AAH15754.1, 1 a.a. - 222 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	222 amino acids
<b>Description</b>	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca <sup>2+</sup> -regulated exocytosis of secretory vesicles. The protein acts at a stage in exocytosis that follows ATP-dependent priming, which involves the essential synthesis of phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P <sub>2</sub> ). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008]
<b>Molecular Mass</b>	52.1 kDa
<b>AA Sequence</b>	MFNVMVDAKAQSTKLCSMEMGQEFAMWHQYHSKIDELIEETVKEMITLLVAKFVTI LEGLAKLSRYDEGTLFSSFLSFTVKAASKYVDVPKPGMDVADAYVTFVRHSQDVL RDKVNEEMYIERLFDQWYNSSMNVICTWLTDRMDLQLHIYQLKTLIRMVKKTYRDFR LQGVLDSTLNSKTYETIRNRLTVEEATASVSEGGGLQGISMKDSDEEDEEDD
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**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**

[CADPS Ca<sup>++</sup>-dependent secretion activator \[ Homo sapiens \]](#)

**Official Symbol**

[CADPS](#)

**Synonyms**

CAPS; CAPS1; CADPS1

**Gene ID**

[8618](#)

**mRNA Refseq**

[NM\\_183394](#)

**Protein Refseq**

[NP\\_899631](#)

**MIM**

[604667](#)

**UniProt ID**

[Q9ULU8](#)

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