

Recombinant Full Length Human CADPS Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CADPS full-length ORF (AAH15754.1, 1 a.a. - 222 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	222 amino acids
Description	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca ²⁺ -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 ₂). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008]
Molecular Mass	52.1 kDa
AA Sequence	MFNVMVDAKAQSTKLCSMEMGQEFAMWHQYHSKIDELIEETVKEMITLLVAKFVTI LEGVLAKLSRYDEGTLFSSFLSFTVKAASKYVDVPKPGMDVADAYVTFVRHSQDVL RDKVNEEMYIERLFDQWYNSSMNVICTWLTDRMDLQLHIYQLKTLIRMVKKTYRDFR LQGVLDSTLNSKTYETIRNRLTVEEATASVSEGGGLQGISMKDSDEEDEEDD
Applications	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++-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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