

Recombinant Full Length Human CALY Protein, GST-tagged

Cat. No. CALY-3083HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CALY full-length ORF (AAH38978.1, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	217 amino acids
Description	The protein encoded by this gene is a type II single transmembrane protein. It is required for maximal stimulated calcium release after stimulation of purinergic or muscarinic but not beta-adrenergic receptors. The encoded protein interacts with D1 dopamine receptor and may interact with other DA receptor subtypes and/or GPCRs. [provided by RefSeq, Jul 2008]
Molecular Mass	50.27 kDa
AA Sequence	MVKLGCSFSGKPGKDPGDQDGAAMDSVPLISPLDISQLQPPLPDQVVIKTQTEYQLS SPDQQNFPDLEGQRLNCSHP EEGRR LPTARMIAFAMALLGCVLIMYKAIWYDQFTC PDGFLLRHKICTPLTLEMYYTEMDPERHRSILAAIGAYPLSRKHGTETPAAWGDGYR AAKEERKGPTQAGAAAAATEPPGKPSAKAEKEAARKAAGSAAPPPAQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	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	CALY calcyon neuron-specific vesicular protein [Homo sapiens]
Official Symbol	CALY
Synonyms	CALY; calcyon neuron-specific vesicular protein; dopamine receptor D1 interacting protein, DRD1IP; neuron-specific vesicular protein calcyon; CALCYON; NSG3; calcyon protein; D1 dopamine receptor-interacting protein; dopamine receptor D1 interacting protein; calcyon D1 dopamine receptor-interacting protein (CALCYON); DRD1IP; RP11-122K13.5;
Gene ID	50632
mRNA Refseq	NM_015722
Protein Refseq	NP_056537
MIM	604647
UniProt ID	Q9NYX4

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