Recombinant Human CALY Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CALY-411H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CALY MS Standard C13 and N15-labeled recombinant protein (NP_056537) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	23.4 kDa
AA Sequence	MVKLGCSFSGKPGKDPGDQDGAAMDSVPLISPLDISQLQPPLPDQVVIKTQTEYQLS SPDQQNFPDLEGQRLNCSHPEEGRRLPTARMIAFAMALLGCVLIMYKAIWYDQFTC PDGFLLRHKICTPLTLEMYYTEMDPERHRSILAAIGAYPLSRKHGTETPAAWGDGYR AAKEERKGPTQAGAAAAATEPPGKPSAKAEKEAARKAAGSAAPPPAQTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

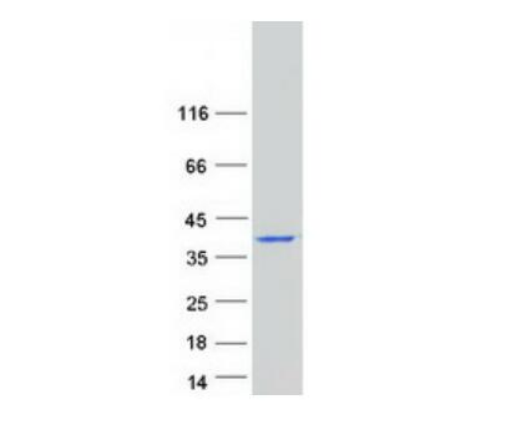
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CALY calcyon neuron-specific vesicular protein [Homo sapiens (human)]
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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SDS-PAGE	

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