

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 SPDQQNFPDLEGQRLNCSHP EEGRR LPTARMIAFAMALLGCVLIMYKAIWYDQFTC 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

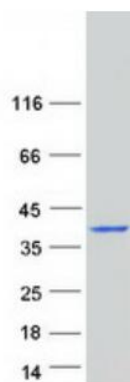
MIM 604647

UniProt ID Q9NYX4

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SDS-PAGE

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