

## Recombinant Human CALY Protein, MYC/DDK-tagged

**Cat. No.** CALY-2285H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CALY protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 23.3 kDa                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                               |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                          |

### GENE INFORMATION

|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| <b>Gene Name</b> | CALY calcyon neuron-specific vesicular protein [ Homo sapiens ] |
|------------------|-----------------------------------------------------------------|

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|                 |              |
|-----------------|--------------|
| Official Symbol | CALY         |
| Synonyms        | DRD1IP; NSG3 |
| Gene ID         | 50632        |
| mRNA Refseq     | NM_015722    |
| Protein Refseq  | NP_056537    |
| MIM             | 604647       |
| UniProt ID      | Q9NYX4       |

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