

Product datasheet for **TP307894L**

Calcyon (CALY) (NM_015722) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human calcyon neuron-specific vesicular protein (CALY), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC207894 protein sequence
Red=Cloning site **Green**=Tags(s)

MVKLGCSFSGKPGKDPGDQDGAAMDSVPLISPLDISQLQPPLPDQWIKTQTEYQLSSPDQQNFPDLEGQ
RLNCSHP EEGRRLLPTARMIAFAMALLGCVLIMYKAIWYDQFTCPDGFLLRHKICTPLTLEMYTMDPER
HRSILAAIGAYPLSRKHGTETPAAWGDGYRAAKEERKGPQTQAGAAAAATEPPGKPSAKAEKEAARKAAGS
AAPPPAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 23.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_056537](#)

Locus ID: 50632

UniProt ID: [Q9NYX4](#)



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RefSeq Size: 983

Cytogenetics: 10q26.3

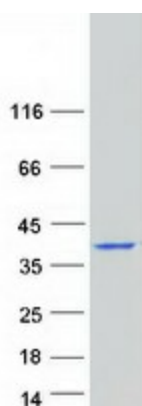
RefSeq ORF: 651

Synonyms: DRD1IP; NSG3

Summary: 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]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified CALY protein (Cat# [TP307894]). The protein was produced from HEK293T cells transfected with CALY cDNA clone (Cat# [RC207894]) using MegaTran 2.0 (Cat# [TT210002]).