

Recombinant Rat Caly protein, His & T7-tagged

Cat. No. Caly-1102R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Caly aa. (Asp110~Lys226 (Accession # P58821) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp110~Lys226
Description	Dopamine receptor 1 (D1R) of D1-like receptors interacting protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.5kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

 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

at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Caly calcyon neuron-specific vesicular protein [*Rattus norvegicus* (Norway rat)]

Official Symbol

Caly

Synonyms

Caly; calcyon neuron-specific vesicular protein; Drd1ip; Calcyon; neuron-specific vesicular protein calcyon; D1 dopamine receptor-interacting protein; calcyon; D1 dopamine receptor-interacting protein; dopamine receptor D1 interacting protein

Gene ID

192349

mRNA Refseq

NM_001190399.1

Protein Refseq

NP_001177328.1

UniProt ID

P58821

 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