

Product datasheet for **TP300589M**

Calumenin (CALU) (NM_001219) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human calumenin (CALU), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200589 protein sequence
Red=Cloning site **Green**=Tags(s)

MDLRQFLMCLSLCTAFALSKPTEKKDRVHHEPQLSDKVHNDAAQSFYDHDHDAFLGAEAAKTFDQLTPPEESK
ERLGKIVSKIDGDKDGFVTVDLKDWDIKFAQKRWIYEDVERQWKGHDLNEDGLVSWEEYKNATYGYVLDD
PDPDDGFNYKQMMVRDERRFKMADKDGDLIATKEEFTAFLHPEEYDYMKDIVVQETMEDIDKNADGFIDL
EEYIGDMYSHDGNTDEPEWVKTEREQFVEFRDKNRDGKMDKEETKDWILPSDYDHAEAEARHLVYESDQN
KDGLTKKEIVDKYDLFVGSQATDFGEALVRHDEF

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Tag: C-Myc/DDK

Predicted MW: 34.9 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_001210](#)

Locus ID: 813



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UniProt ID: [O43852](#), [Q6IAW5](#), [B3KQF5](#), [D6QS48](#)

RefSeq Size: 5366

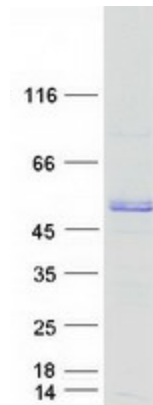
Cytogenetics: 7q32.1

RefSeq ORF: 945

Summary: The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified CALU protein (Cat# [TP300589]). The protein was produced from HEK293T cells transfected with CALU cDNA clone (Cat# [RC200589]) using MegaTran 2.0 (Cat# [TT210002]).