

Recombinant Human CALU Protein (20-315aa)

Cat. No. CALU-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Calumenin protein (20-315aa) without tag was expressed in E. coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	20-315aa
Description	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.
Form	Liquid
Molecular Mass	35 kDa (297aa) confirmed by MALDI-TOF
AA Sequence	MKPTEKKDRVHHEPQLSDKVHNDASFDYDHDAFLGAEEAKTFDQLTPEESKERL GKIVSKIDGDKDGFVTVDLKDWDIKFAQKRWIYEDVERQWKGHDLNEDGLVSWEEY KNATYGYVLDDPDGDFNYKQMMVRDERRFKMADKDGDLIATKEEFTAFHPEEY DYMKDIVVQETMEDIDKNADGFIDLEEYIGDMYSHDGNTDEPEWVKTEREQFVEFR DKNRDGKMDKEETKDWILPSDYDHAEAEARHLVYESDQNKDGKLTKEEIVDKYDLF VGSQATDFGEALVRHDEF

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Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/mL (determined by absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

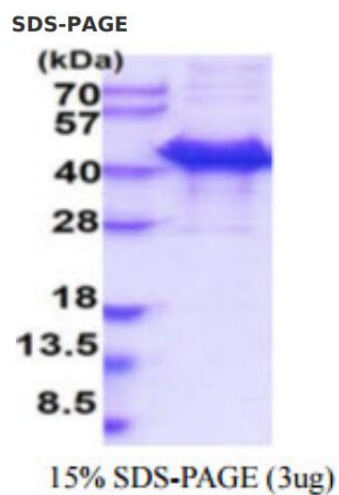
Gene Name	CALU calumenin [Homo sapiens (human)]
Official Symbol	CALU
Synonyms	CALU; calumenin; calumenin; IEF SSP 9302; crocalbin-like protein; multiple EF-hand protein
Gene ID	813
mRNA Refseq	NM_001219
Protein Refseq	NP_001210
MIM	603420
UniProt ID	O43852

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SDS-PAGE



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