

Recombinant Full Length Human CALU Protein, GST-tagged

Cat. No. CALU-3081HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CALU full-length ORF (NP_001210.1, 1 a.a. - 315 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	315 amino acids
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. [provided by RefSeq, Oct 2008]
Molecular Mass	63.5 kDa
AA Sequence	MDLRQFLMCLSLCTAFALSKPTEKKDRVHHEPQLSDKVHNDASFDYDHDAFLGAE EAKTFDQLTPPEESKERLGKIVSKIDGDKDGFVTVDELKDWIKFAQKRWIYEDVERQW KGHDLNEDGLVSWEEYKNATYGYVLDDPDPDDGFNYKQMMVRDERRFKMADKDG DLIATKEEFATAFLHPEEYDYMKDIVVQETMEDIDKNADGFIDLEEYIGDMYSHDGNTD EPEWVKTEREQFVEFRDKNRDGKMDKEETKDWILPSDYDHAEAEARHLVYESDQN KDGKLTKEEIVDKYDLFVGSQATDFGEALVRHDEF

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CALU calumenin [Homo sapiens]
Official Symbol	CALU
Synonyms	CALU; calumenin; crocalbin; IEF SSP 9302; crocalbin-like protein; multiple EF-hand protein; FLJ90608;
Gene ID	813
mRNA Refseq	NM_001130674
Protein Refseq	NP_001124146
MIM	603420
UniProt ID	O43852

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