

## Recombinant Human CALU Protein (Lys20-Phe315), His tagged

Cat. No. CALU-0822H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CALU (Lys20-Phe315) fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys20-Phe315
<b>Description</b>	Involved in regulation of vitamin K-dependent carboxylation of multiple N-terminal glutamate residues. Seems to inhibit gamma-carboxylase GGcX. Binds 7 calcium ions with a low affinity.
<b>Form</b>	Lyophilized powder/frozen liquid
<b>Molecular Mass</b>	35.82 kDa
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

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

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