

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

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

SPECIFICATION

Product Overview	Recombinant human CALU (Lys20-Phe315) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys20-Phe315
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	35.82 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	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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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CALU calumenin [Homo sapiens (human)]
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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