

Recombinant Human CALU protein(Met1-Arg311), His-tagged

Cat. No. CALU-8590H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALU (O43852-1) (Met1-Arg311) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-311 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CALU consists of 303 amino acids and predicts a molecular mass of 35.9 KDa. It migrates as an approximately 46-52 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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