

## Recombinant Human CALU protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CALU protein(O43852-1) (Met1-Arg311) was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-311 aa                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                   |
| <b>Molecular Mass</b>   | 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. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                         |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                        |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.    |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.           |

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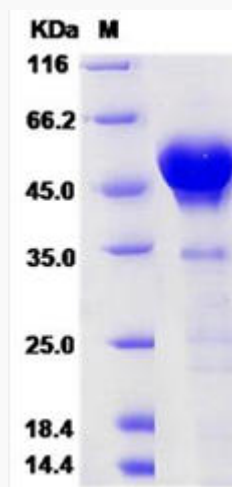
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## GENE INFORMATION

|                        |                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CALU calumenin [ Homo sapiens ]                                                                       |
| <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                                                                                                |

### SDS-PAGE



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