

## Calumenin Human Recombinant, His Tag

<b>Item Number</b>	rAP-2942
<b>Synonyms</b>	CALU, Crocalbin, IEF SSP 9302, FLJ90608, Calumenin.
<b>Description</b>	Recombinant Human Calumenin produced in E.Coli is a single, non-glycosylated polypeptide chain containing 317 amino acids (20-315 a.a) and having a molecular mass of 37.2 kDa. Calumenin is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O43852
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH&nbsp;MKPTEKKDRV HHEPQLSDKV HNDQSFYD HDAFLGAEAA KTFDQLTPEE SKERLGKIVS KIDGDKDGFV TVDELKDWIK FAQKRWIYED VERQWKGHDL NEDGLVSWEE YKNATYGYVL DDPDPDDGFN YKQMMVRDER RFKMADKDGD LIATKEEFTA FLHPEEYDYM KDIVVQETME DIDKNADGFI DLEEYIGDMY SHDGNTDEPE WVKTEREQFV EFRD- KNRDGK MDKEETKDWI LPSDYDHAEA EARHLYESD QNKDGKLTKE EIVDKYDLFV GSQATDFGEA LVRHDEF.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The Calumenin protein contains 20mM Tris-HCl buffer pH-8 and 10% glycerol. Greater than 90% as determined by Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**