

Calbindin-1 Human Recombinant

Item Number	rAP-2881
Synonyms	Calbindin, Vitamin D-dependent calcium-binding protein, avian-type, Calbindin D28, D-28K, CALB1, CAB27, CALB, calbindin 1 28kDa.
Description	CALB1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 261 amino acids (1-261 a.a.) and having a molecular mass of 30kDa. The CALB1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P05937
Amino Acid Sequence	MAESHLQSSL ITASQFFEIW LHFADAGSGY LEGKELQNLI QELQQARKKA GLELSPMKT FVDQYGQRDD GKIGIVELAH VLPTEENFLL LFRCQQLKSC EEFMKTWRKY DTDHSGFIET EELKNFLKDL LEKANKTVDD TKLAEYDLM LKLFDSNNDG KLELTEMARL LPVQENFLK FQGIKMC- GKE FNKAFELYDQ DGNGYIDENE LDALLKDLCE KNKQDLINN ITTYKNIMA LSDGGKLYRT DLALIL- CAGD N.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The CALB1 protein solution contains 20mM Tris-HCl buffer (pH8.0), 1mM DTT, 10% glycerol and 2mM EDTA. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**