

Recombinant Human Calbindin (D-29K)

Catalog No.	CRC004A CRC004B CRC004C	Quantity:	1 µg 5 µg 100 µg
Alternate Names:	Calbindin-2, Calretinin, CALB2, CAB29, CR		
Description:	Recombinant human CALB2 (D-29K) expressed with a -6x His tag.		
GeneID:	794		
Source:	<i>E. coli</i>		
Molecular Weight:	29.0 kDa		
Formulation:	Lyophilized from a sterile filtered solution containing 10 mM Tris, pH 7.4 + 50 mM sodium chloride + 1 mM β-mercaptoethanol		
Purity:	> 90% as determined by SDS-PAGE analysis		
Endotoxin Level:	< 0.1 ng/µg of CALB2		
Reconstitution:	Centrifuge vial prior to opening. First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
Storage & Stability:	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

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