

CALB2

Recombinant Human Calbindin 2 (29 kDa) His

Catalog No.	CRC004A CRC004B CRC004C	Quantity:	5 µg 25 µg 1 mg
Alternate Names:	Calretinin, CR, CALB2, CAB29, CAL2, CaBP29K, 29 kDa calbindin.		
Description:	<p>CALB2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 211 amino acids (1-271 a.a.) and having a molecular mass of 33.7kDa.</p> <p>The CALB2 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.</p>		
GeneID:	794		
Source:	<i>E. coli</i>		
Molecular Weight:	29.0 kDa		
Formulation:	The CALB2 1mg/ml protein solution contains 20 mM Tris-HCl buffer pH-8 & 10% glycerol		
Purity:	Greater than 95% as determined by SDS-PAGE.		
Amino Acid Sequence:	<p>MGSSHHHHHH SSGLVPRGSH MAGPQQQPPY LHLAELTASQ FLEIWKHFDA DNGYIEGKE LENFFQELEK ARKGSGMMSK SDNFGEKMKE FMQKYDKNSD GKIEMAELAQ ILPTEENFLL CFRQHVGSST EFMEAWRKYD TDRSGYIEAN ELKGFLSDLL KKANRPYDEP KLQEYQTIL RMFDLNGDGK LGLSEMSRLL PVQENFLLKF QGMKLTSEEF NAIFTFYDKD RSGYIDEHEL DALLKDLYEK NKKEMNIQQL TNYRKSVM SL AEAGKLYRKD LEIVLCSEPP M</p>		
Reconstitution:	<p>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.</p>		
Storage & Stability:	<p>CALB2 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). 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.</p>		

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