

Parvalbumin rabbit-FC recombinant protein

Catalog No :	YD3131
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	Parvalbumin
Protein Name :	Parvalbumin alpha
Sequence :	Amino acid:1-110,with rabbit FC tag.
Human Gene Id :	5816
Human Swiss Prot No :	P20472
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015],
Function :	function:In muscle, the calcium-binding protein parvalbumin is thought to be involved in muscle relaxation.,mass spectrometry: PubMed:10036163,miscellaneous:This protein binds two calcium ions.,similarity:Belongs to the parvalbumin family.,similarity:Contains 2 EF-hand domains.,
Subcellular Location :	nucleus,cytoplasm,neuronal cell body,terminal bouton,protein complex,extracellular exosome,
Expression :	Cerebellum,



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