

PVALB 抗原（重组蛋白）

中文名称： PVALB 抗原（重组蛋白）

英文名称： PVALB Antigen (Recombinant Protein)

别名： D22S749

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 2-110 amino acids of human PVALB

技术规格

Full name:	parvalbumin
Synonyms:	D22S749
Swissprot:	P20472
Gene Accession:	BC069300
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Parvalbumin is a calcium-binding albumin protein with low molecular weight (typically 9-11 kDa). It has three EF hand motifs and is structurally related to calmodulin and troponin C. Parvalbumin is localised in fast-contracting muscles, where its levels are highest, and in the brain and some endocrine tissues. Parvalbumin is a small, stable protein containing EF-hand type calcium binding sites. It is involved in calcium signaling. Typically, this protein is broken into three domains, domains AB, CD and EF, each individually containing a helix-loop-helix motif.