

CHERP 抗原（重组蛋白）

中文名称： CHERP 抗原（重组蛋白）

英文名称： CHERP Antigen (Recombinant Protein)

别名： calcium homeostasis endoplasmic reticulum protein; SRA1; DAN16; SCAF6

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 738-916 amino acids of human CHERP

技术规格

Full name:	calcium homeostasis endoplasmic reticulum protein
Synonyms:	SRA1; DAN16; SCAF6
Swissprot:	Q8IWX8
Gene Accession:	BC021294
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The regulation of the intracellular concentration of calcium is important for proper maintenance of voltage-gated ion channels which control muscle and nerve function. Calcium homeostasis is regulated by a variety of proteins. CHERP (calcium homeostasis endoplasmic reticulum protein), also known as SRA1, DAN16 or SCAF6, is a 916 amino acid protein that localizes to the cytoplasm and the endoplasmic reticulum (ER). Expressed in pancreas, brain, lung, placenta, liver, kidney, heart and skeletal muscle, CHERP is involved in maintaining calcium homeostasis and plays a role in cell growth and proliferation. CHERP contains one G-patch domain, one RPR domain and one SURP motif

and is expressed as two isoforms due to alternative splicing events.