

Recombinant Human CHERP

Catalog No: #GP12769



Package Size: #GP12769-1 100ug

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Description

Product Name	Recombinant Human CHERP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 738-916 amino acids of human CHERP
Target Name	calcium homeostasis endoplasmic reticulum protein
Other Names	SRA1; DAN16; SCAF6
Accession No.	Swissprot:Q8IWX8Gene Accession:BC021294
Uniprot	Q8IWX8
GeneID	10523;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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