

LC12A1 抗原（重组蛋白）

中文名称： LC12A1 抗原（重组蛋白）

英文名称： LC12A1 Antigen (Recombinant Protein)

别名： BSC1; NKCC2

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 80-172 amino acids of human SLC12A1

技术规格

Full name:	Solute carrier family 12 (sodium/potassium/chloride transporters), member 1
Synonyms:	BSC1; NKCC2
Swissprot:	Q13621
Gene Accession:	BC040138
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a kidney-specific sodium-potassium-chloride cotransporter that is expressed on the luminal membrane of renal epithelial cells of the thick ascending limb of Henle's loop and the macula densa. It plays a key role in concentrating urine and accounts for most of the NaCl resorption. It is sensitive to such diuretics as furosemide and bumetanide. Some Bartter-like syndromes result from defects in this gene. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional splice variants have been described but th

eir biological validity in humans has not been experimentally p
roven.