

Na-Cl Cotransporter (NCCT) Recombinant Protein | NCCT recombinant protein

Recombinant Na-Cl Cotransporter (NCCT)

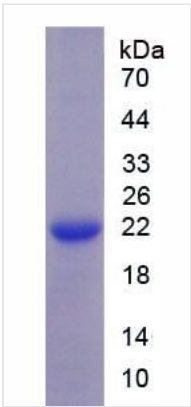
CATALOG # AAA134641	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Na-Cl Cotransporter (NCCT); Recombinant Na-Cl Cotransporter (NCCT); NCCT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-EL PTTETPGDAT LCSGRFTIST LLSSDEPSPP AAYDSSHPSH LTHSSTFCMR TFGYNTIDVV PTYEHYANST QPGEPRKVRP TLADLHSLFK QEGRHLHALA FDSRPSHEMT DGLVEGEAGT SSEKNPEEPV RFGWVKGVMI RC
Sequence Length	1030
Applicable Applications for NCCT recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Glu3~Cys146 (Accession # P55017) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



ELPTTETP GDATLCGRF TISTLLSDE PSPPAAYDSS HPSHLTHSST
FCMRTFGYNT IDVVPTYEHY ANSTQPGEPK KVRPTLADLH SFLKQEGRHL
HALAFDSRPS HEMTDGLVEG EAGTSSEKNP EEPVRFQVVK GVMIRC

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	186910315
NCBI GeneID	6559
NCBI Accession #	NP_000330.2
NCBI GenBank Nucleotide #	NM_000339.2
UniProt Accession #	P55017; A8MSJ2; C9JNN9
Molecular Weight	17.4kDa
NCBI Official Full Name	solute carrier family 12 member 3 isoform 1
NCBI Official Synonym Full Names	solute carrier family 12 (sodium/chloride transporter), member 3
NCBI Official Symbol	SLC12A3
NCBI Official Synonym Symbols	NCC; TSC; NCCT
NCBI Protein Information	solute carrier family 12 member 3; Na-Cl symporter; Na-Cl cotransporter; thiazide-sensitive Na-Cl cotransporter; thiazide-sensitive sodium-chloride cotransporter; NaCl electroneutral thiazide-sensitive cotransporter
UniProt Protein Name	Solute carrier family 12 member 3
UniProt Gene Name	SLC12A3
UniProt Synonym Gene Names	TSC; NCC
UniProt Entry Name	S12A3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.