

#### OriGene Technologies, Inc.

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# Product datasheet for TP762061

### SLC12A4 (NM\_005072) Human Recombinant Protein

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human solute carrier family 12 (potassium/chloride transporters), member 4 (SLC12A4), transcript variant 1,Arg866-End, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Arg866-End) of SLC12A4
Tag:	N-His
Predicted MW:	26 kDa
Concentration:	>0.05 $\mu$ g/ $\mu$ L as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 005063</u>
Locus ID:	6560
UniProt ID:	<u>Q9UP95</u>
RefSeq Size:	4773
Cytogenetics:	16q22.1
RefSeq ORF:	3255
Synonyms:	CTC-479C5.17; hKCC1; KCC1



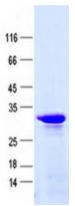
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Summary:This gene encodes a member of the SLC12A transporter family. The encoded protein<br/>mediates the coupled movement of potassium and chloride ions across the plasma<br/>membrane. This gene is expressed ubiquitously. Multiple alternatively spliced transcript<br/>variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jan<br/>2013]

Protein Families: Transmembrane

#### **Product images:**



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