

Recombinant Human SLC12A5 protein, GST-tagged

Cat. No. SLC12A5-301559H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC12A5 (915-1043 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile915-Asn1043
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization
AA Sequence	ILKQMHLTKNEREREIQSITDESRGSIRRKNPANTRLRLNVPEETAGDSEEKPEEEVQ LIHDQSAPSCPSSSPGEEPEGEGETDPEKVHLTWTKDKSVAEKNKGPSPVSSEG IKDFFSMKPEWENLN
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	SLC12A5 solute carrier family 12 (potassium/chloride transporter), member 5 [Homo sapiens]
Official Symbol	SLC12A5
Synonyms	SLC12A5; solute carrier family 12 (potassium/chloride transporter), member 5; solute carrier family 12 member 5; KCC2; KIAA1176; hKCC2; K-Cl cotransporter 2; neuronal K-Cl cotransporter; erythroid K-Cl cotransporter 2; electroneutral potassium-chloride cotransporter 2;
Gene ID	57468
mRNA Refseq	NM_001134771
Protein Refseq	NP_001128243
MIM	606726
UniProt ID	Q9H2X9

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