

Recombinant Human SLC24A1 protein, GST-tagged

Cat. No. SLC24A1-301340H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC24A1 (731-897 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu731-Leu897
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	PDIKGDQKENPGGQEDVAEAESTGEMPGEEGETAGEGETEEKSGGETQPEGE TETQGKGEECEDENEAEGKGDNEGEDEGEIHAEDGEMKNGEGETESQELSAENH GEAKNDEKGVEDGGGSDGGDSEEEEEEEEEQEEEEEEEEQEEEEEEEEEEEEK NEEPL
Purity	95%, 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

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cycles.

GENE INFORMATION

Gene Name	SLC24A1 solute carrier family 24 (sodium/potassium/calcium exchanger), member 1 [Homo sapiens]
Official Symbol	SLC24A1
Synonyms	SLC24A1; solute carrier family 24 (sodium/potassium/calcium exchanger), member 1; sodium/potassium/calcium exchanger 1; HsT17412; KIAA0702; NCKX; NCKX1; RODX; retinal rod Na ⁺ /Ca ⁺ /K ⁺ exchanger; Na(+)/K(+)/Ca(2+)-exchange protein 1; CSNB1D;
Gene ID	9187
mRNA Refseq	NM_001254740
Protein Refseq	NP_001241669
MIM	603617
UniProt ID	O60721

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