

Recombinant Full Length Bison Bison Sodium/Potassium/Calcium Exchanger 1(Slc24A1) Protein, His-Tagged

Cat. No. RFL30429BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bison bison Sodium/potassium/calcium exchanger 1(SLC24A1) Protein (O46383) (1-300aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bison bison (American bison) (Bos bison)
Source	E.coli
ProteinLength	Full Length (1-300)
Form	Lyophilized powder
AA Sequence	DPGSQGVGAE AENTGERTGG EAEAPAE GENGERSGGDAALGG ESEGKAENESEG DIPAER RGDDEDEGE IQAEGGEVKGDEDEGE IQAGEGG EVEGDEDEGE IQAGEGG EVEGDEDEGE IQAGEGG EVEGDEDEGE IQAGEGG EVDDEGE IQAGEAGEVEGE DGEVEGG EDEGE IQAGE GGEGETGE QELNAEIQGEAKDDEEGVDGEGGGDGGDS EDEEEDEEEDEEEEEEEEEEEEEEE EENEQPLSLEWPETRRKQAIYLFLLPIVFPLWLT VPDVRRL EAKKFFVITFLGSILWIAM
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SLC24A1
Synonyms	SLC24A1; NCKX1; Sodium/potassium/calcium exchanger 1; Na(+)/K(+)/Ca(2+-exchange protein 1; Retinal rod Na-Ca+K exchanger; Solute carrier family 24 member 1; Fragment
UniProt ID	O46383

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