

Recombinant Human SLC4A1 protein, His&Myc-tagged

Cat. No. SLC4A1-3501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC4A1 protein(P02730)(1-403aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-403aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.3 kDa
AA Sequence	MEELQDDYEDMMEENLEQEEYEDPDIPESQMEEPAAHDTATATDYHTTSHPGTH KVYVELQELVMDEKNQELRWMEARWVQLEENLGENGAWGRPHLSHLTFWSLLE LRRVFTKGTVLLDLQETSLAGVANQLLDRFIFEDQIRPQDREELLRALLLKHSAGEL EALGGVKPAVLTRSGDPSQPLLPQHSSLETQLFCEQGDGGTEGHSPSGILEKIPADS EATLVLVGRADFLEQPVLG FVRLQEAAELEAVELPVPIRFLFVLLGPEAPHIDYTQLG RAAATLMSERVFRIDAYMAQSRGELLHSLEGFLDCSLVLPPTDAPSEQALLSLVPVQ RELLRRRYQSSPAKPDSSFYKGLDLNGGPDDPLQQTGQLFGGLVRDIRRRYPYLS DITDAFSP

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.
GENE INFORMATION	
Gene Name	SLC4A1 solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group) [Homo sapiens]
Official Symbol	SLC4A1
Synonyms	SLC4A1; solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group); AE1, DI, EPB3, Waldner blood group , WD; band 3 anion transport protein; CD233; FR; Froese blood group; RTA1A; SW; Swann blood group; WR; Wright blood group; anion exchanger 1; anion exchanger-1; Waldner blood group; anion exchange protein 1; erythroid anion exchange protein; erythrocyte membrane protein band 3; solute carrier family 4, anion exchanger, number 1; DI; WD; AE1; WD1; BND3; EPB3; EMPB3; MGC116750; MGC116753; MGC126619; MGC126623;
Gene ID	6521
mRNA Refseq	NM_000342
Protein Refseq	NP_000333

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UniProt ID

P02730

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