

Band 3 anion transport protein (SLC4A1) Recombinant Protein | SLC4A1 recombinant protein

Recombinant Human Band 3 anion transport protein (SLC4A1)

CATALOG # AAA113990	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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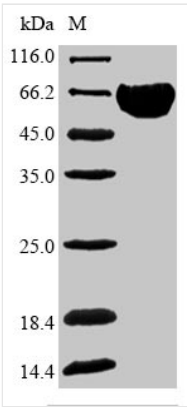
PRODUCT SYNONYMS

Band 3 anion transport protein (SLC4A1); Recombinant Human Band 3 anion transport protein (SLC4A1); Recombinant Band 3 anion transport protein (SLC4A1); Band 3 anion transport protein; Anion exchange protein 1; AE 1; Anion exchanger 1 Solute carrier family 4 member 1 CD_antigen= CD233; SLC4A1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-403aa; Partial
Sequence	MEELQDDYED MMEENLEQEE YEDPDIPESQ MEEPAAHDE ATATDYHTTS HPGTHKVYVE LQELVMDEKN QELRWMEAAR WVQLEENLGE NGAWGRPHLS HLTFWSLLEL RRVFTKGTVL LDLQETSLAG VANQLLDRFI FEDQIRPQDR EELLRALLLK HSHAGELEAL GGVKPAVLTR SGDPSQPLLP QHSSLETQLF CEQGDGGTEG HSPSGILEKI PPDSEATLVL VGRADFLEQP VLG FVRLQEA AELEAVELPV PIRFLFVLLG PEAPHIDYTQ LGRAAATLMS ERVFRIDAYM AQSRGELLHS LEGFLDCSLV LPPTDAPSEQ ALLSLVPVQR ELLRRRYQSS PAKPDSSFYK GLDLNGGPDD PLQQTGQLFG GLVRDIRRRY PYYLSDITDA FSP
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SLC4A1 recombinant protein	Functions both as a transporter that mediates electroneutral anion exchange across the cell membrane and as a structural protein. Major integral membrane glycoprotein of the erythrocyte membrane; required for normal flexibility and stability of the erythrocyte membrane and for normal erythrocyte shape via the interactions of its cytoplasmic domain with cytoskeletal proteins, glycolytic enzymes, and hemoglobin. Functions as a transporter that mediates the 1:1 exchange of inorganic anions across the erythrocyte membrane. Mediates chloride-bicarbonate exchange in the kidney, and is required for normal acidification of the urine.
Product Categories/Family for SLC4A1 recombinant protein	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507021
NCBI GeneID	6521
NCBI Accession #	NP_000333.1
NCBI GenBank Nucleotide #	NM_000342.3
UniProt Accession #	P02730; P78487; Q1ZZ45; Q4KKW9; Q4VB84; Q9UCY7; Q9UDJ1
Molecular Weight	65.3 kDa
NCBI Official Full Name	band 3 anion transport protein
NCBI Official Synonym Full Names	solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group)
NCBI Official Symbol	SLC4A1
NCBI Official Synonym Symbols	DI; FR; SW; WD; WR; AE1; WD1; BND3; EPB3; CD233; EMPB3; RTA1A
NCBI Protein Information	band 3 anion transport protein; Swann blood group; anion exchanger 1; anion exchanger-1; Froese blood group; Wright blood group; Waldner blood group; anion exchange protein 1; erythroid anion exchange protein; erythrocyte membrane protein band 3; solute carrier family 4, anion exchanger, number 1
UniProt Protein Name	Band 3 anion transport protein
UniProt Gene Name	SLC4A1
UniProt Synonym Gene Names	AE1; DI; EPB3; AE 1
UniProt Entry Name	B3AT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/slc4a1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113990>