

Potassium-transporting ATPase subunit beta (ATP4B) Recombinant Protein | ATP4B recombinant protein

Recombinant Human Potassium-transporting ATPase subunit beta (ATP4B), partial

CATALOG # AAA18511	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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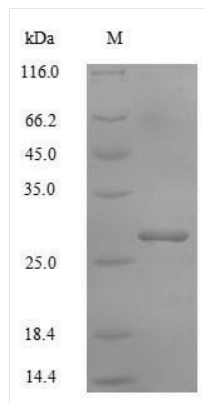
PRODUCT SYNONYMS

Potassium-transporting ATPase subunit beta (ATP4B); Recombinant Human Potassium-transporting ATPase subunit beta (ATP4B); partial; Gastric H(+)/K(+) ATPase subunit beta; Proton pump beta chain; ATP4B 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	58-291. Partial
Sequence	CLYVLMQTVD PYTPDYQDQL RSPGVTLRPD VYGEKGLEIV YNVSDNRTWA DLTQTLHAFL AGYSPAAQED SINCTSEQYF FQESFRAPNH TKFSCKFTAD MLQNCSGLAD PNFGFEEGKP CFIKMNRIV KFLPSNGSAP RVDCAFLDQP RELGQPLQVK YYPPNGTFSL HYFPYYGKKA QPHYSNPLVA AKLLNIPRNA EVAIVCKVMA EHVTFNNPHD PYEGKVEFKL KIEK
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ATP4B recombinant protein	Required for stabilization and maturation of the catalytic proton pump alpha subunit and may also involved in cell adhesion and establishing epithelial cell polarity.
Product Categories/Family for ATP4B recombinant protein	Transport

References	cDNA cloning of the beta-subunit of the human gastric H,K-ATPase. Ma J.-Y., Song Y.-H., Sjostrand S.E., Rask L., Maardh S. Biochem. Biophys. Res. Commun. 180:39-45(1991) The DNA sequence and analysis of human chromosome 13. Dunham A., Matthews L.H., Burton J., Ashurst J.L., Howe K.L., Ashcroft K.J., Beare D.M., Burford D.C., Hunt S.E., Griffiths-Jones S., Jones M.C., Keenan S.J., Oliver K., Scott C.E., Ainscough R., Almeida J.P., Ambrose K.D., Andrews D.T., Ashwell R.I.S., Babbage A.K., Bagguley C.L., Bailey J., Bannerjee R., Barlow K.F., Bates K., Beasley H., Bird C.P., Bray-Allen S., Brown A.J., Brown J.Y., Burrill W., Carder C., Carter N.P., Chapman J.C., Clamp M.E., Clark S.Y., Clarke G., Clee C.M., Clegg S.C., Cobley V., Collins J.E., Corby N., Coville G.J., Deloukas P., Dhami P., Dunham I., Dunn M., Earthrowl M.E., Ellington A.G., Faulkner L., Frankish A.G., Frankland J., French L., Garner P., Garnett J., Gilbert J.G.R., Gilson C.J., Ghorji J., Grafham D.V., Gribble S.M., Griffiths C., Hall R.E., Hammond S., Harley J.L., Hart E.A., Heath P.D., Howden P.J., Huckle E.J., Hunt P.J., Hunt A.R., Johnson C., Johnson D., Kay M., Kimberley A.M., King A., Laird G.K., Langford C.J., Lawlor S., Leongamornlert D.A., Lloyd D.M., Lloyd C., Loveland J.E., Lovell J., Martin S., Mashreghi-Mohammadi M., McLaren S.J., McMurray A., Milne S., Moore M.J.F., Nickerson T., Palmer S.A., Pearce A.V., Peck A.I., Pelan S., Phillimore B., Porter K.M., Rice C.M., Searle S., Sehra H.K., Shownkeen R., Skuce C.D., Smith M., Steward C.A., Sycamore N., Tester J., Thomas D.W., Tracey A., Tromans A., Tubby B., Wall M., Wallis J.M., West A.P., Whitehead S.L., Willey D.L., Wilming L., Wray P.W., Wright M.W., Young L., Coulson A., Durbin R.M., Hubbard T., Sulston J.E., Beck S., Bentley D.R., Rogers J., Ross M.T. Nature 428:522-528(2004)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557339
NCBI GeneID	496
NCBI Accession #	NP_000696.1
NCBI GenBank Nucleotide #	NM_000705.3
UniProt Accession #	P51164; B1B0N8
Molecular Weight	28.6 kDa
NCBI Official Full Name	potassium-transporting ATPase subunit beta
NCBI Official Synonym Full Names	ATPase H+/K+ transporting beta subunit
NCBI Official Symbol	ATP4B
NCBI Official Synonym Symbols	ATP6B
NCBI Protein Information	potassium-transporting ATPase subunit beta
UniProt Protein Name	Potassium-transporting ATPase subunit beta
UniProt Gene Name	ATP4B
UniProt Entry Name	ATP4B_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.