

Recombinant Human ATP1A3 protein ab152203

1 图像

描述

产品名称	重组人ATP1A3蛋白
表达系统	Wheat germ
Accession	<u>P13637</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	

MGDKKDDKDSPKKNKGKERRDLDDLKKEVAMTEHKMSVEEVC
RKYNTDCV
QLTHSKAQEILARDGPNALTPPPTTPEWVKFCRQLFGGFSI
LLWIGAIL
CFLAYGIQAGTEDDPSGDNLYLGIVLAAVVIITGCFSYYQEA
KSSKIMES
FKNMVPQQALVIREGEKMQVNAEEVVVGD LVEIKGGDRVPAD
LRIISAHG
CKVDNSSLTGESEPTTRSPDCTHDNPLETRNITFFSTNCVEG
TARGVVVA
TGDRTVMGRIATLASGLEVGKTPIAIEIEHFIQLITGVAVFL
GVSFFILS
LILGYTWLEAVIFLIGIIVANVPEGLLATVTVCLTLTAKRMA
RKNCLVKN
LEAVETLGSTSTICSDKTGTLTQNRMTVAHMWFDNQIHEADT
TEDQSGTS
FDKSSHTWVALSHIAGLCNRAVFKGGQDNIPVLKRDVAGDAS
ESALLKCI
ELSSGSVKLMRERNKKVAEIPFNSTNKYQLSIHETEDPNDNR
YLLVMKGA
PERILDR CSTILLQGKEQPLDEEMKEAFQ NAYLELGG LGERV
LGFCHYYL
PEEQFPKGFAFDCDDVNFTDNL CFVGLMSMIDPPRAAVPDA
VGKCRSAG
IKVIMVTGDHPITAKAIAKGVGI ISEGNETVEDIAARLNIPV
SQV NPRDA
KACVIHGTDLKDF TSEQIDEILQNHTEIVFARTSPQQKLIIV
EGCQRQGA

IVAVTGDGVNDSPALKKADIGVAMGIAGSDVSKQAADMILLD
DNFASIVT
GVEEGLIFDNLKKSIAAYTLTSNIPEITPFLLFIMANIPLPL
GTITILCI
DLGTDMPAISLAYEAAESDIMKRQPRNPRDCLKVNERLISM
AYGQIGMI
QALGGFFSYFVILAENGFLPGNLVGIRLNWDDRTVNDLEDSY
GQQWTYEQ
RKVVEFTCHTAFFVSIVVVQWADLIICKTRRNSVFQQGMKNK
ILIFGLFE
ETALAAFLSYCPGMDVALRMYPLKPSWWFCAFYSFLIFVYD
EIRKLILR RNPGGWVEKETYY

预测分子量 138 kDa including tags
氨基酸 1 to 1013

技术指标

Our **Abpromise guarantee** covers the use of **ab152203** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 ELISA
SDS-PAGE
Western blot

形式 Liquid

补充说明 This product was previously labelled as alpha 3 Sodium Potassium ATPase.

制备和贮存

稳定性和存储 Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

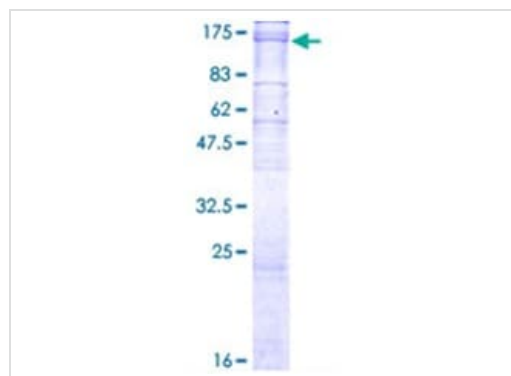
常规信息

功能 This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

疾病相关 Dystonia 12
Alternating hemiplegia of childhood 2
Cerebellar ataxia, areflexia, pes cavus, optic atrophy, and sensorineural hearing loss

序列相似性 Belongs to the cation transport ATPase (P-type) (TC 3.A.3) family. Type IIC subfamily.

细胞定位 Cell membrane.



12.5% SDS-PAGE analysis of ab152203 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ATP1A3 protein (ab152203)

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