

Product datasheet for AR51028PU-N

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OriGene Technologies, Inc.

Barttin (54-320, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Barttin (54-320, His-tag) human protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSCQCYPKI TFVPADSDFQ GILSPKAMGL LENGLAAEMK SPSPQPPYVR LWEEAAYDQS LPDFSHIQMK VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA AVVIHKGSDE SEGERRLTQS WPGPLACPQG PAPLASFQDD LDMDSSEGSS PNASPHDREE ACSPQQEPQG CRCPLDRFQD FALIDAPTLE DEPQEGQQWE IALPNNWQRY

PRTKVEEKEA SDTGGEEPEK EEEDLYYGLP DGAGDLLPDK ELGFEPDTQG

Tag: His-tag
Predicted MW: 31.7 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM

DTT

Preparation: Liquid purified protein

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 476517

Locus ID: 7809

UniProt ID: Q8WZ55, Q5VU50

Cytogenetics: 1p32.3

Synonyms: BART; DFNB73





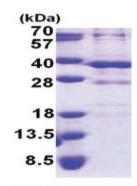
Summary:

This gene encodes an essential beta subunit for CLC chloride channels. These heteromeric channels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear. Mutations in this gene have been associated with Bartter syndrome with sensorineural deafness. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Transmembrane

Product images:



15% SDS-PAGE (3ug)