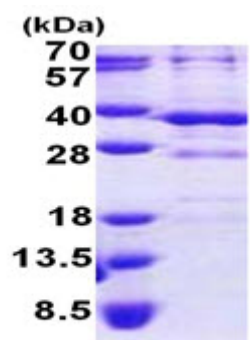


AR51028PU-N

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

Alternate names:	BART, BSND, Bartter syndrome
Quantity:	0.1 mg
Concentration:	0.25mg/ml (determined by Bradford assay)
Background:	BSND is 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 BSND have been associated with Bartter synd
Uniprot ID:	Q8WZ55
NCBI:	NP_476517
GeneID:	7809
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSCQCPYKI TFVPADSDFQ GILSPKAMGL LENGAAEMK SPSPQPPYVR LWEEAAYDQS LPDFSHIQMK VMSYSEDHRS LLAPEMGQPK LGTSDGGEGG PGDVQAWMEA AVVIHKGSDE SEGERRLTQS WPGPLACPQG PAPLASFQDD LDMSSEGGSS PNASPHDREE ACSPQQEPQG CRCPLDRFQD FALIDAPTL EDPQEGQWE IALPNNWQRY PRTKVEEKEA SDTGGEPEK EEEDLYYGLP DGAGDLLPDK ELGFEPDTQG Molecular weight: 31.7 kDa (290aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Park,C.W., et al. (2011) Clin. Nephrol. 75 (SUPPL 1), 69-74Iqbal,H., et al. (2011) J. Biomed. Biotechnol. 2011, 304612
Pictures:	



15% SDS-PAGE (3ug)