

PKD2

Recombinant Human PKD2 Protein, N-His Tag

Catalog No.	YHG58801A YHG58801B	Quantity:	100 µg 1.0 mg
Alternate Names:	Polycystin-2, PC2, Autosomal dominant polycystic kidney disease type II protein, Polycystic kidney disease 2 protein, Polycystin, Transient receptor potential cation channel subfamily P member 2, R48321		
Description:	Recombinant human Polycystic kidney disease 2 protein expressed in E. coli as Met242-Thr468 and fused with a N-terminal His tag. Function as a homotetrameric ion channel or can form heteromer with PKD1. Mediates systemic blood pressure and contributes to the myogenic response in cerebral arteries through vasoconstriction.		
UniProt ID:	Q13563		
Source:	E. coli		
Molecular Weight:	28.28 kDa		
Protein Construction:	A DNA sequence encoding human PKD2 (Met242-Thr468) was fused with a N-terminal His tag		
Tag:	N-terminal His		
Formulation:	Lyophilized from PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol		
Purity:	> 90% as determined by SDS-PAGE		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1-1.0 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, store at 2-8°C for frequent use or prepare working aliquots and store at -20°C to -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.		



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