9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

B9D2 Human

B9 Protein Domain 2 Human Recombinant
RCP0161

Product Overview

Name	B9D2 Human
Description	
B9 Protein Domain 2 Human Recombinant	
Accession (Primary)	Q9BPU9
Synonyms	
B9 Protein Domain 2, B9D2, B9 domain-containing protein 2, MKS1-related protein 2, MKSR2, ICIS-1, MKS10.	
Introduction	
B9 Protein Domain 2 (B9D2) is a component of the tectonic-like complex which acts as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. B9D2 contains a B9 domain protein, which is found solely in ciliated organisms. B9D2 is upregulated throughout mucociliary differentiation.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The B9D2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 1mM EDTA.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAEVHVI GQIIGASGFS ESSLFCKWGI HTGAAWKLLS GVREGQTQVD TPQIGDMAYW SHPIDLHFAT KGLQGWPRLH FQVWSQDSFG RCQLAGYGFC HVPSSPGTHQ LACPTWRPLG SWREQLARAF VGGGPQLLHG DTIYSGADRY RLHTAAGGTV HLEIGLLLRN FDRYGVEC.	
Precautions	
B9D2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9BPU9)