

## 32-3280: B9D2 Recombinant Protein

**Alternative Name :** B9 Protein Domain 2,B9D2,B9 domain-containing protein 2,MKS1-related protein 2,MKSR2,ICIS-1,MKS10.

### Description

Source : E.coli. B9D2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 198 amino acids (1-175) and having a molecular mass of 21.6 kDa.B9D2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

**Content :** The B9D2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 1mM EDTA.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMAEVHVI GQIIGASGFS ESSLFCKWGI HTGAAWKLLS  
GVREGQTQVD TPQIGDMAYW SHPIDLHFAT KGLQGWPR LH FQVWSQDSFG RCQLAGYGFC  
HVPSSPGTHQ LACPTWRPLG SWREQLARAF VGGGPQLLHG DTIYSGADRY RLHTAAGGT V HLEIGLLLRN  
FDRYGVEC.

