

# Product information



## B9D2, 1-175aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2768

**Full name:** B9 domain-containing protein 2

**NCBI Accession No.:** NP\_085055

**Synonyms:** ICIS-1, MKS10, MKSR2

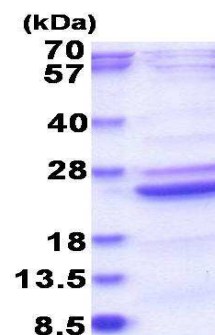
**Description:** B9D2 contains a B9 domain protein, which are exclusively found in ciliated organisms. This protein is upregulated during mucociliary differentiation, and the encoded protein localizes to basal bodies and cilia. Disrupting expression of this gene results in ciliogenesis defects. Recombinant human B9D2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 1mM EDTA

**Molecular Weight:** 21.6 kDa (198aa) confirmed by MALDI-TOF

**Purity:** > 85% by SDS - PAGE

**Concentration:** 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMAEVHVI GQIIIGASGFS ESSLFCKWGI HTGAAWKLLS GVREGQTQVD TPQIGDMAYW SHPIDLHFAT  
KGLQGWPRLH FQVWSQDSFG RCQLAGYGFC HVPSSPGTHQ LACPTWRPLG SWREQLARAF VGGGPQLLHG DTIYSGADRY RLHTAAGGTV  
HLEIGLLLRN FDRYGVEC

### General references:

Dowdle W.E., *et al.* (2011) *Am. J. Hum. Genet.* 89:94-110

Bialas N.J., *et al.* (2009) *J. Cell Sci.* 122:611-624

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)  
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246

Fax.: (763) 780-2988

Email: [info@ibl-america.com](mailto:info@ibl-america.com)

Web: [www.ibl-america.com](http://www.ibl-america.com)