

Product datasheet for AR51588PU-N

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B9D2 (1-175, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: B9D2 (1-175, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAEVHVI GQIIGASGFS ESSLFCKWGI HTGAAWKLLS GVREGQTQVD TPQIGDMAYW SHPIDLHFAT KGLQGWPRLH FQVWSQDSFG RCQLAGYGFC

HVPSSPGTHQ LACPTWRPLG SWREQLARAF VGGGPQLLHG DTIYSGADRY RLHTAAGGTV

HLEIGLLLRN FDRYGVEC

Tag: His-tag

Predicted MW: 21.6 kDa

Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT,

1 mM EDTA

Preparation: Liquid purified protein

Protein Description: Recombinant human B9D2 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

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.

Stability: Shelf life: one year from despatch.

RefSeq: NP 085055

 Locus ID:
 80776

 UniProt ID:
 Q9BPU9

 Cytogenetics:
 19q13.2

Synonyms: B9 domain-containing protein 2, MKSR2, MKS1-related protein 2

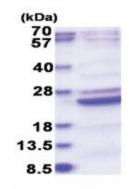




Summary:

This gene encodes a B9 domain protein, which are exclusively found in ciliated organisms. The gene is upregulated during mucociliary differentiation, and the encoded protein localizes to basal bodies and cilia. Disrupting expression of this gene results in ciliogenesis defects. [provided by RefSeq, Oct 2009]

Product images:



15% SDS-PAGE (3ug)