

## Product datasheet for **AR51588PU-N**

### **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 RLHTAAGGT 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:	<a href="#">NP_085055</a>
Locus ID:	80776
UniProt ID:	<a href="#">Q9BPU9</a>
Cytogenetics:	19q13.2
Synonyms:	B9 domain-containing protein 2, MKSR2, MKS1-related protein 2



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**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:**