

Recombinant Human B9D2, His-tagged

Cat. No. B9D2-10118H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human B9D2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-175a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	B9D2 B9 protein domain 2 [Homo sapiens]
Official Symbol	B9D2

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Synonyms	B9D2; B9 protein domain 2; B9 domain-containing protein 2; MGC4093; MKS1-related protein 2; involved in clia stability-1; MKS10; MKSR2; ICIS-1;
Gene ID	80776
mRNA Refseq	NM_030578
Protein Refseq	NP_085055
MIM	611951
UniProt ID	Q9BPU9
Chromosome Location	19q13.2
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem;
Function	gamma-tubulin binding;